

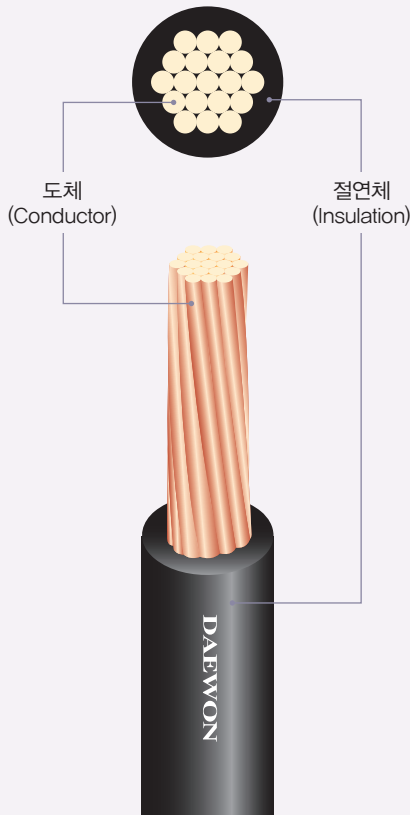
C · O · N · T · E · N · T · S

UL Style No. 1007 / 비닐 절연 전선 (PVC Insulated wire).....	4
UL Style No. 1015 / 비닐 절연 전선(PVC Insulated wire)	5
UL Style No. 1061 / 비닐 절연 전선 (PVC Insulated wire).....	6
UL Style No. 1283, 1284 / 비닐 절연 전선 (PVC Insulated wire).....	7
UL Style No. 1330 / 테프론 절연 전선 (Teflon(FEP) Insulated wire)	8
UL Style No. 1331 / 테프론 절연 전선 (Teflon(FEP) Insulated wire).....	9
UL Style No. 1332 / 테프론 절연 전선 (Teflon(FEP) Insulated wire)	10
UL Style No. 1333 / 테프론 절연 전선 (Teflon(FEP) Insulated wire)	11
UL Style No. 1430 / 조사 절연 전선 (Irradiated (XLPVC) Insulated wire)...	12
UL Style No. 1431 / 조사 절연 전선 (Irradiated (XLPVC) Insulated wire)...	13
UL Style No. 1533 / 비닐 절연 차폐 케이블	14
UL Style No. 1569 / 비닐 절연 전선(PVC Insulated wire)	15
UL Style No. 1571 / 비닐 절연 전선(PVC Insulated wire)	16
UL Style No. 2095(-AMS) / 컴퓨터 케이블 - Pair Type	17
UL Style No. 2464 / PVC 자켓 케이블 - Core Type	18
UL Style No. 2464 / PVC 자켓 케이블 - Pair Type	19
UL Style No. 2468 / Flat cable	20
UL Style No. 2569 / Flat cable	21
UL Style No. 2789 / 신호전송용 케이블 (Signal Cable)	22
UL Style No. 2835 / 신호전송용 케이블 (Signal Cable)	23
UL Style No. 2919 / 저압용 컴퓨터 케이블 (RS-422)	24
UL Style No. 2919 / 저압용 컴퓨터 케이블 (RS-485)	25
UL Style No. 2969 / 컴퓨터 케이블(Computer Cable).....	26
UL Style No. 20276 / 컴퓨터 케이블(Computer Cable).....	27
UL Style No. 3239 / Silicone Rubber insulated wire(SRW)	28
UL Style No. 3321 / Irradiated cross-linked(PE) Insulated Wire	29
UL Style No. 3343 / Irradiated cross-linked(PE) Insulated Wire	30
UL Style No. 3398 / Irradiated cross-linked(PE) Insulated Wire	31
0.6/1kV XHHW/SIS / 0.6/1kV XLPE 절연 전선 CLASS 5	32
0.6/1kV XHHW/SIS / 0.6/1kV XLPE 절연 전선 CLASS 2	33
TSP / UL Style No. FPLR, FPL / 소방용 케이블 (Fire Alarm Cable).....	34
TP / UL Style No. FPLR, FPL / 소방용 케이블 (Fire Alarm Cable).....	35
Fieldbus Foundation Cable / PE, PO/PVC/PVC Jacketed Cable.....	36
UL 인증서 (CERTIFICATE)	37



UL Style No. 1007

비닐 절연 전선 (PVC Insulated wire)



제품의 용도

- 전기, 전자 기기의 내부 배선용

제품의 특성

- 케이블 정격 : (UL) 300V 80°C (CSA) 300V 90°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

표준조장

- 610m, 305m

Application

- Internal wiring of electrical and electronic equipment.

Characteristics of Product

- Cable rating : (UL) 300V 80°C (CSA) 300V 90°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1

Unit length

- 610m, 305m

인쇄 (Marking)

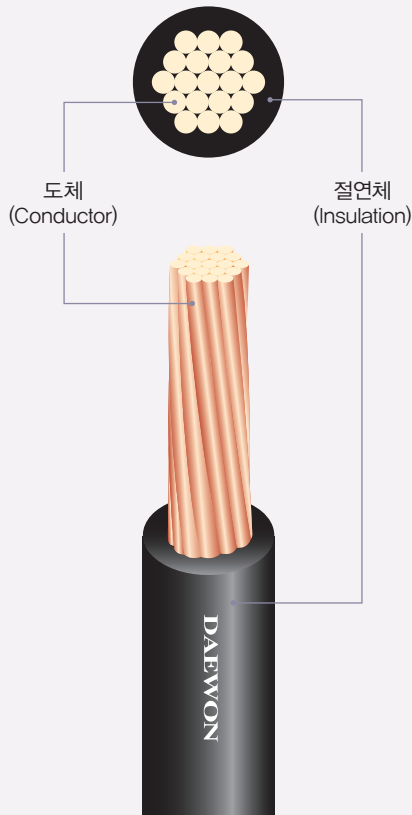
DAEWON E331577 AWM 1007 80°C 300V VW-1 E331577 AWM I A 80°C 300V FT1 **AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
30	7/0.102	0.31	0.42	1.14	381.0	10	2000	2000(610)
28	7/0.127	0.38	0.42	1.21	239.0	10	2000	2000(610)
26	7/0.160	0.48	0.42	1.32	150.0	10	2000	2000(610)
24	11/0.160	0.61	0.42	1.45	94.2	10	2000	2000(610)
22	17/0.160	0.76	0.42	1.60	59.4	10	2000	2000(610)
20	26/0.160	0.95	0.42	1.78	36.7	10	2000	2000(610)
18	41/0.160	1.17	0.42	2.04	23.2	10	2000	2000(610)
16	26/0.254	1.49	0.42	2.38	14.6	10	2000	2000(610)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 1015

비닐 절연 전선(PVC Insulated wire)



제품의 용도

- 전기, 전자 기기의 내부 배선용

Application

- Internal wiring of electrical and electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 600V 105°C (CSA) 600V 105°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 600V 105°C (CSA) 600V 105°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1



표준조장

- 610m, 305m

Unit length

- 610m, 305m

인쇄 (Marking)

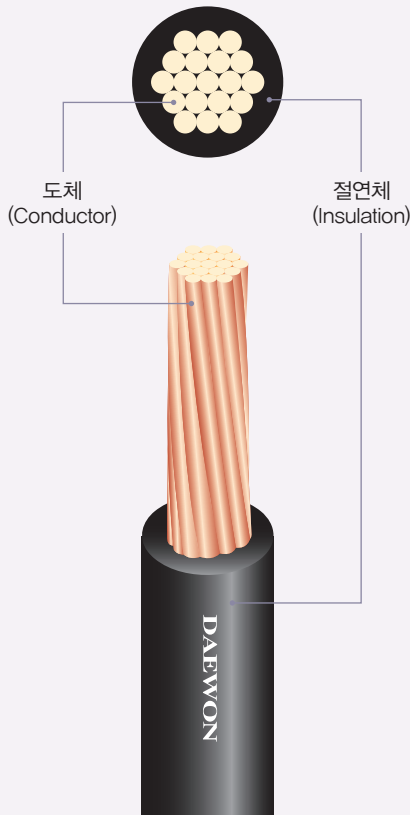
DAEWON E331577  AWM 1015 105°C 600V VW-1 E331577  AWM I A 105°C 600V FT1 **AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
26	7/0.160	0.48	0.83	2.11	150.00	15	2000	2000(610)
24	11/0.160	0.61	0.83	2.23	94.20	15	2000	2000(610)
22	17/0.160	0.76	0.83	2.40	59.40	15	2000	2000(610)
20	26/0.160	0.95	0.83	2.60	36.70	15	2000	2000(610)
18	41/0.160	1.17	0.83	2.80	23.20	15	2000	2000(610)
16	26/0.254	1.49	0.83	3.13	14.60	15	2000	2000(610)
14	41/0.254	1.88	0.83	3.52	8.96	15	2000	2000(610)
12	65/0.254	2.36	0.83	4.10	5.64	15	2000	2000(610)
10	66/0.320	3.00	0.83	4.94	3.55	15	2000	2000(610)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 1061

비닐 절연 전선 (PVC Insulated wire)



제품의 용도

- 전기, 전자 기기의 내부 배선용
- 좁은 공간의 소형기기 내부배선

Application

- Internal wiring of electrical and electronic equipment.
- Wiring of small equipment when space is a problem.

제품의 특성

- 케이블 정격 : (UL) 300V 80°C
(CSA) 300V 90°C
- 적용규격 : UL Subject 758
CSA C22.2
- 난연성 : (UL) VW-1
(CSA) FT1

Characteristics of Product

- Cable rating : (UL) 300V 80°C
(CSA) 300V 90°C
- Standard : UL Subject 758
CSA C22.2
- Flame retardant : (UL) VW-1
(CSA) FT1

표준조장

- 610m

Unit length

- 610m

인쇄 (Marking)

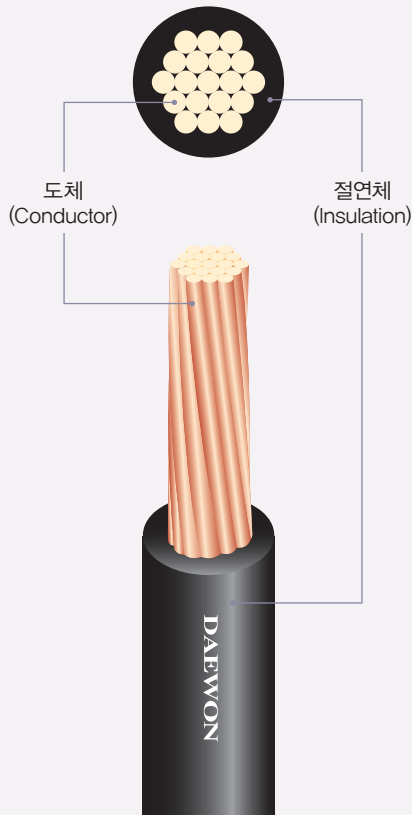
DAEWON E331577 AWM 1061 80°C 300V VW-1 E331577 AWM I A 80°C 300V FT1 **AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
30	7/0.102	0.31	0.26	0.83	381.0	10	2000	2000(610)
28	7/0.127	0.38	0.26	0.90	239.0	10	2000	2000(610)
26	7/0.160	0.48	0.26	1.00	150.0	10	2000	2000(610)
24	11/0.160	0.61	0.26	1.10	94.2	10	2000	2000(610)
22	17/0.160	0.76	0.26	1.28	59.4	10	2000	2000(610)
20	26/0.160	0.95	0.26	1.50	36.7	10	2000	2000(610)
18	41/0.160	1.17	0.26	1.80	23.2	10	2000	2000(610)
16	26/0.254	1.49	0.26	2.10	14.6	10	2000	2000(610)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 1283, 1284

비닐 절연 전선 (PVC Insulated wire)



제품의 용도

- 전기, 전자 기기의 내부 배선용

Application

- Internal wiring of electrical and electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 600V 105°C (CSA) 600V 105°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 600V 105°C (CSA) 600V 105°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1

표준조장

- 153m, 305m

Unit length

- 153m, 305m

인쇄 (Marking)

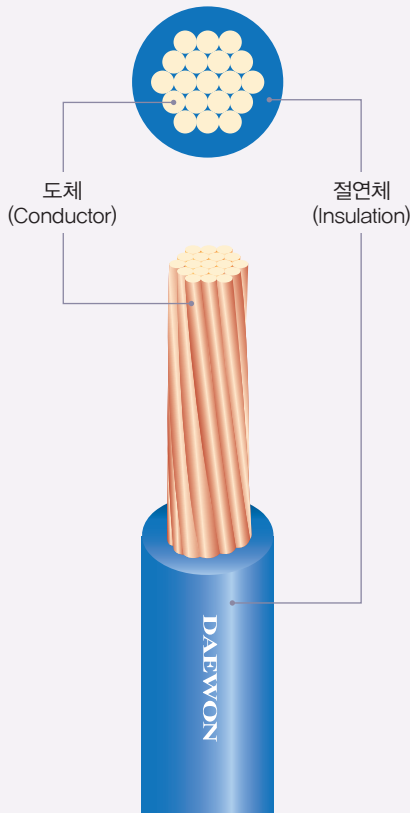
DAEWON E331577 AWM 1283(1284) 105°C 600V VW-1 E331577 AWM I A 105°C 600V FT1 **AWG RoHS

UL Style	도체			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
	규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
1283	8	7/24/0.254	4.31	1.64	7.59	2.23	15	2000	1000(305)
	6	7/38/0.254	5.45	1.64	8.73	1.40	15	2000	1000(305)
	4	7/60/0.254	6.81	1.64	10.09	0.88	15	2000	1000(305)
	2	19/35/0.254	8.67	1.64	11.95	0.55	15	2000	1000(305)
1284	1	19/44/0.254	9.72	2.30	14.32	0.44	10	2500	500(153)
	1/0	19/55/0.254	10.87	2.30	15.47	0.35	10	2500	500(153)
	2/0	19/70/0.254	12.26	2.30	16.86	0.28	10	2500	500(153)
	3/0	19/88/0.254	13.75	2.30	18.35	0.22	10	2500	500(153)
	4/0	37/57/0.254	15.40	2.35	20.10	0.17	10	2500	500(153)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 1330

테프론 절연 전선 (Teflon(FEP) Insulated wire)



제품의 용도

- 전기, 전자 기기의 내부 배선용

제품의 특성

- 케이블 정격 : (UL) 600V 200°C
(CSA) 600V 200°C
- 적용규격 : UL Subject 758
CSA C22.2
- 난연성 : (UL) VW-1
(CSA) FT1

표준조장

- 305m

Application

- Internal wiring of electrical and electronic equipment.



Characteristics of Product

- Cable rating : (UL) 600V 200°C
(CSA) 600V 200°C
- Standard : UL Subject 758
CSA C22.2
- Flame retardant : (UL) VW-1
(CSA) FT1

Unit length

- 305m

인쇄 (Marking)

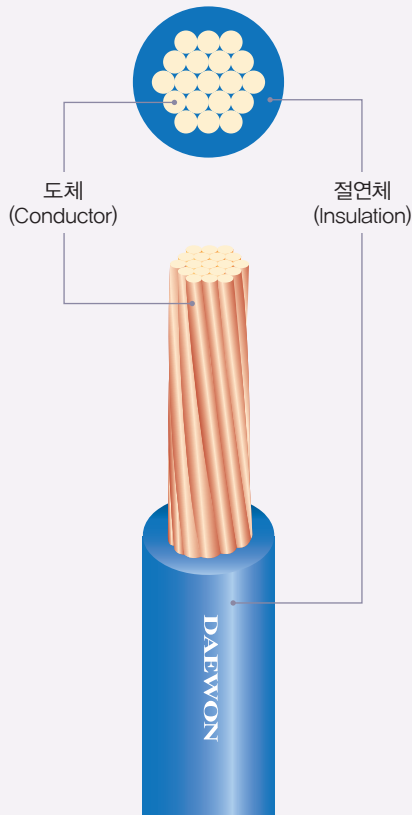
DAEWON E331577  AWM 1330 200°C 600V VW-1 E331577  AWM I A 200°C 600V FT1 **AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
26	7/0.160	0.48	0.54	1.56	150	1000	2000	1000(305)
24	7/0.203	0.61	0.54	1.69	94.2	1000	2000	1000(305)
22	7/0.254	0.76	0.54	1.84	59.4	1000	2000	1000(305)
20	26/0.160	0.96	0.54	2.04	36.7	1000	2000	1000(305)
18	41/0.160	1.17	0.54	2.36	23.2	1000	2000	1000(305)
16	26/0.254	1.49	0.54	2.52	14.6	1000	2000	1000(305)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 1331

테프론 절연 전선 (Teflon(FEP) Insulated wire)



제품의 용도

- 전기, 전자 기기의 내부 배선용

Application

- Internal wiring of electrical and electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 600V 150°C (CSA) 600V 150°C
- 적용규격 : UL Subject 758
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 600V 150°C (CSA) 600V 150°C
- Standard : UL Subject 758
- Flame retardant : (UL) VW-1 (CSA) FT1



표준조장

- 305m

Unit length

- 305m

인쇄 (Marking)

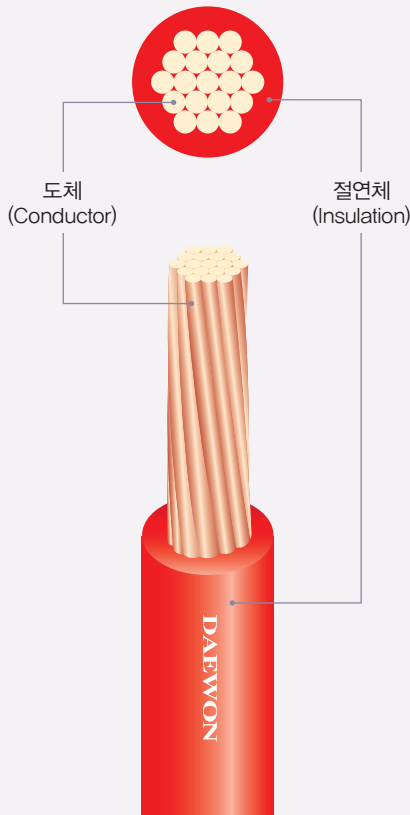
DAEWON E331577  AWM 1331 150°C 600V VW-1 E331577  AWM I A 150°C 600V FT1 **AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
26	7/0.160	0.48	0.54	1.56	150	1000	2000	1000(305)
24	7/0.203	0.61	0.54	1.69	94.2	1000	2000	1000(305)
22	7/0.254	0.76	0.54	1.84	59.4	1000	2000	1000(305)
20	26/0.160	0.96	0.54	2.04	36.7	1000	2000	1000(305)
18	41/0.160	1.17	0.54	2.36	23.2	1000	2000	1000(305)
16	26/0.254	1.49	0.54	2.52	14.6	1000	2000	1000(305)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 1332

테프론 절연 전선 (Teflon(FEP) Insulated wire)



제품의 용도

- 전기, 전자 기기의 내부 배선용

Application

- Internal wiring of electrical and electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 300V 200°C (CSA) 300V 200°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 300V 200°C (CSA) 300V 200°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1



표준조장

- 610m

Unit length

- 610m

인쇄 (Marking)

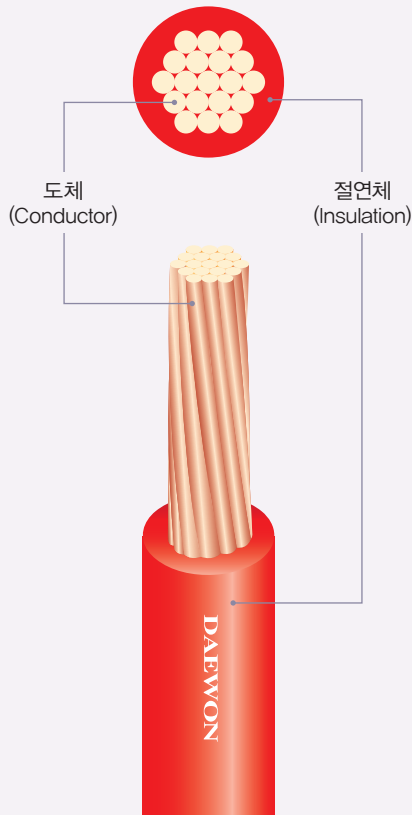
DAEWON E331577  AWM 1332 200°C 300V VW-1 E331577  AWM I A 200°C 300V FT1 **AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
26	7/0.160	0.48	0.35	1.18	150	1000	2000	2000(610)
24	7/0.203	0.61	0.35	1.31	94.2	1000	2000	2000(610)
22	7/0.254	0.76	0.35	1.46	59.4	1000	2000	2000(610)
20	26/0.160	0.96	0.35	1.66	36.7	1000	2000	2000(610)
18	41/0.160	1.17	0.35	1.98	23.2	1000	2000	2000(610)
16	26/0.254	1.49	0.35	2.14	14.6	1000	2000	2000(610)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 1333

테프론 절연 전선 (Teflon(FEP) Insulated wire)



제품의 용도

- 전기, 전자 기기의 내부 배선용

Application

- Internal wiring of electrical and electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 300V 150°C (CSA) 300V 150°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 300V 150°C (CSA) 300V 150°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1



표준조장

- 305m

Unit length

- 305m

인쇄 (Marking)

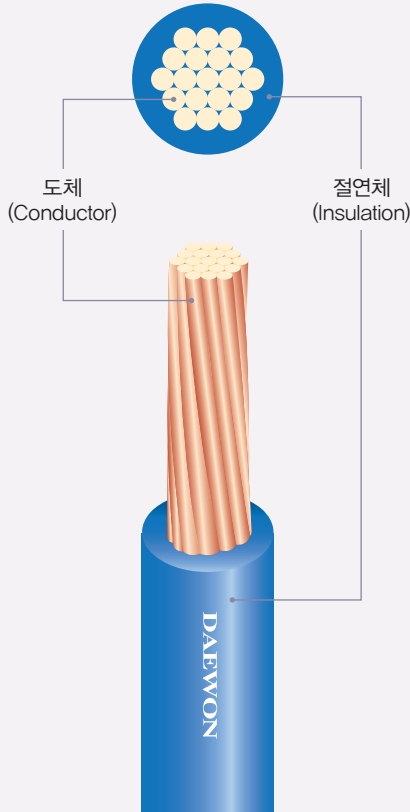
DAEWON E331577  AWM 1333 150°C 300V VW-1 E331577  AWM I A 150°C 300V FT1 **AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
26	7/0.160	0.48	0.35	1.18	150	1000	2000	1000(305)
24	7/0.203	0.61	0.35	1.31	94.2	1000	2000	1000(305)
22	7/0.254	0.76	0.35	1.46	59.4	1000	2000	1000(305)
20	26/0.160	0.96	0.35	1.66	36.7	1000	2000	1000(305)
18	41/0.160	1.17	0.35	1.98	23.2	1000	2000	1000(305)
16	26/0.254	1.49	0.35	2.14	14.6	1000	2000	1000(305)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 1430

조사 절연 전선 (Irradiated (XLPVC) Insulated wire)



제품의 용도

- 전기, 전자 기기의 내부 배선용

Application

- Internal wiring of electrical and electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 300V 105°C (CSA) 300V 105°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 300V 105°C (CSA) 300V 105°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1



표준조장

- 305m, 610m

Unit length

- 305m, 610m

인쇄 (Marking)

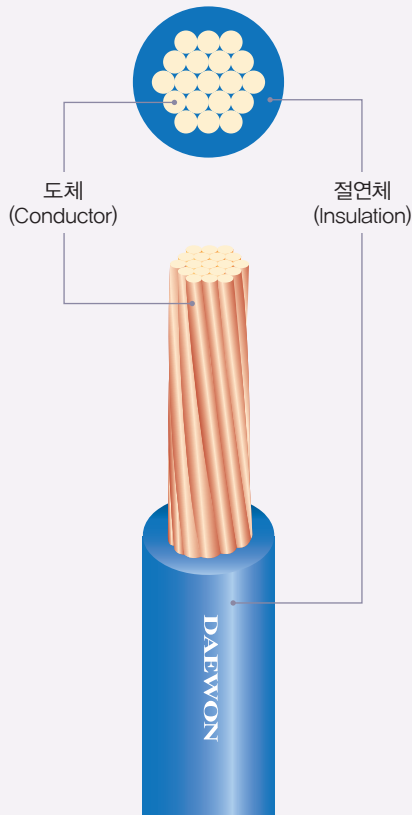
DAEWON E331577  AWM 1430 105°C 300V VW-1 E331577  AWM I A 105°C 300V FT1 **AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω/km)	최소절연저항 Min.insulation resistance 15.6°C (MΩ/km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
26	7/0.160	0.48	0.42	1.32	150	15	2000	2000(610)
24	7/0.203	0.61	0.42	1.45	94.2	15	2000	2000(610)
22	7/0.254	0.76	0.42	1.60	59.4	15	2000	2000(610)
20	26/0.160	0.96	0.42	1.78	36.7	15	2000	2000(610)
18	41/0.160	1.17	0.42	2.02	23.2	15	2000	1000(305)
16	26/0.254	1.49	0.42	2.33	14.6	15	2000	1000(305)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 1431

조사 절연 전선 (Irradiated (XLPVC) Insulated wire)



제품의 용도

- 전기, 전자 기기의 내부 배선용

Application

- Internal wiring of electrical and electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 600V 105°C (CSA) 600V 105°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 600V 105°C (CSA) 600V 105°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1



표준조장

- 305m, 610mm

Unit length

- 305m, 610mm

인쇄 (Marking)

DAEWON E331577  AWM 1431 105°C 600V VW-1 E331577  AWM I A 105°C 600V FT1 **AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
26	7/0.160	0.48	0.81	2.10	150	15	2000	2000(610)
24	7/0.203	0.61	0.81	2.23	94.2	15	2000	2000(610)
22	7/0.254	0.76	0.81	2.38	59.4	15	2000	2000(610)
20	26/0.160	0.96	0.81	2.56	36.7	15	2000	2000(610)
18	41/0.160	1.17	0.81	2.80	23.2	15	2000	1000(305)
16	26/0.254	1.49	0.81	3.11	14.6	15	2000	1000(305)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 1533

비닐 절연 차폐 케이블 (PVC in Sulated Braid Shielded Cable)



제품의 용도

- 전기, 전자 기기의 내부 배선용
- 차폐 기능의 케이블

제품의 특성

- 케이블 정격 : (UL) 300V 80°C (CSA) 300V 80°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

표준조장

- 610m

Application

- Internal wiring of electrical and electronic equipment.
- Shielded Cable.

Characteristics of Product

- Cable rating : (UL) 300V 80°C (CSA) 300V 80°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1

Unit length

- 610m

인쇄 (Marking)

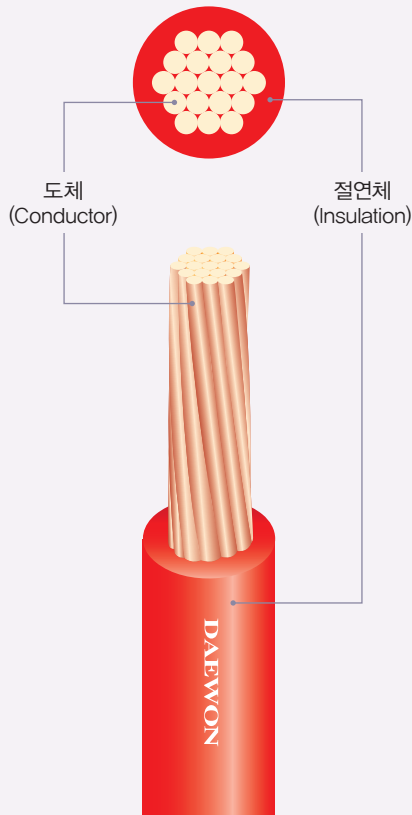
DAEWON E331577 AWM 1533 80°C 300V VW-1 E331577 AWM I A 80°C 300V FT1 **AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
30	7/0.102	0.31	0.26	0.83	381.0	15	2000	2000(610)
28	7/0.127	0.38	0.26	0.90	239.0	15	2000	2000(610)
26	7/0.160	0.48	0.26	1.00	150.0	15	2000	2000(610)
24	11/0.160	0.61	0.26	1.10	94.2	15	2000	2000(610)
22	17/0.160	0.76	0.26	1.28	59.4	15	2000	2000(610)
20	26/0.160	0.95	0.26	1.50	36.7	15	2000	2000(610)
18	41/0.160	1.17	0.26	1.80	23.2	15	2000	2000(610)
16	26/0.254	1.49	0.26	2.10	14.6	15	2000	2000(610)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 1569

비닐 절연 전선(PVC Insulated wire)



제품의 용도

- 전기, 전자 기기의 내부 배선용

Application

- Internal wiring of electrical and electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 300V 105°C (CSA) 300V 105°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 300V 105°C (CSA) 300V 105°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1



표준조장

- 305m, 610mm

Unit length

- 305m, 610mm

인쇄 (Marking)

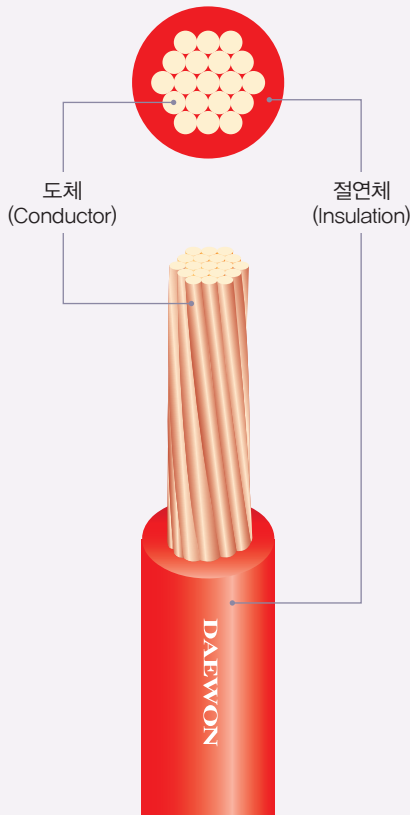
DAEWON E331577  AWM 1569 105°C 300V VW-1 E331577  AWM I A 105°C 300V FT1 **AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
30	7/0.102	0.31	0.42	1.14	381.0	15	2000	2000(610)
28	7/0.127	0.38	0.42	1.21	239.0	15	2000	2000(610)
26	7/0.160	0.48	0.42	1.32	150.0	15	2000	2000(610)
24	11/0.160	0.61	0.42	1.45	94.2	15	2000	2000(610)
22	17/0.160	0.76	0.42	1.60	59.4	15	2000	1000(305)
20	26/0.160	0.95	0.42	1.78	36.7	15	2000	1000(305)
18	41/0.160	1.17	0.42	2.04	23.2	15	2000	1000(305)
16	26/0.254	1.49	0.42	2.38	14.6	15	2000	1000(305)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 1571

비닐 절연 전선(PVC Insulated wire)



제품의 용도

- 라디오 수신기 및 카메라 등 소규모 전자 기기의 내부 배선용

Application

- Internal wiring of small-scale electronic equipment such as radio receivers and cameras.

제품의 특성

- 케이블 정격 : (UL) 30V 80°C (CSA) 30V 80°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 30V 80°C (CSA) 30V 80°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1



표준조장

- 610m, 1220m

Unit length

- 610m, 1220m

인쇄 (Marking)

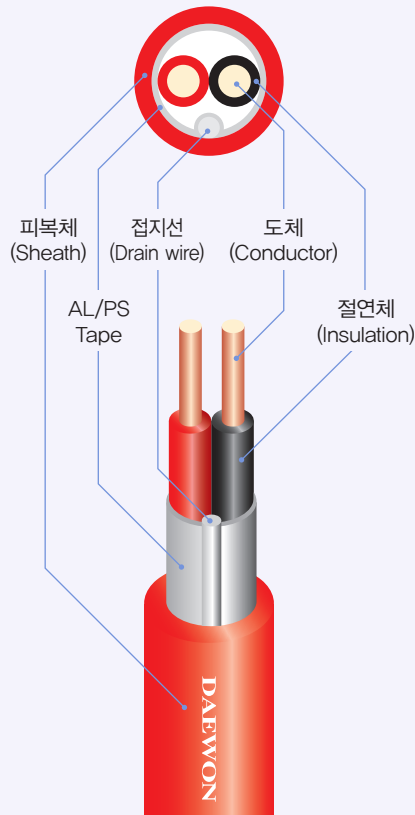
DAEWON E331577  AWM 1571 80°C 30V VW-1 E331577  AWM I A 80°C 30V FT1 **AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)	내전압 Dielectric strength AC (V/1min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
30	7/0.102	0.31	0.25	0.81	381.0	15	2000	4000(1220)
28	7/0.127	0.38	0.25	0.88	239.0	15	2000	4000(1220)
26	7/0.160	0.48	0.25	0.98	150.0	15	2000	4000(1220)
24	11/0.160	0.61	0.25	1.11	94.2	15	2000	2000(610)
22	17/0.160	0.76	0.35	1.46	59.4	15	2000	2000(610)

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 2095(-AMS)

컴퓨터 케이블(Computer Cable) – Pair Type



제품의 용도

- 전기 전자기기의 신호 전송용
- 소방용 알람 및 신호 전송용

제품의 특성

- 케이블 정격 : (UL) 300V 80°C
(CSA) 300V 80°C
- 적용규격 : UL Subject 758
CSA C22.2
- 난연성 : (UL) VW-1
(CSA) FT1

표준조장

- 300m

Application

- A signal transmission of electronic computer and electric equipment.
- Fire alarm and signal transmission.


Characteristics of Product

- Cable rating : (UL) 300V 80°C
(CSA) 300V 80°C
- Standard : UL Subject 758
CSA C22.2
- Flame retardant : (UL) VW-1
(CSA) FT1

Unit length

- 300m

인쇄 (Marking)

DAEWON E331577  AWM 2095(-AMS) 80°C 300V VW-1 **AWG x *PR RoHS

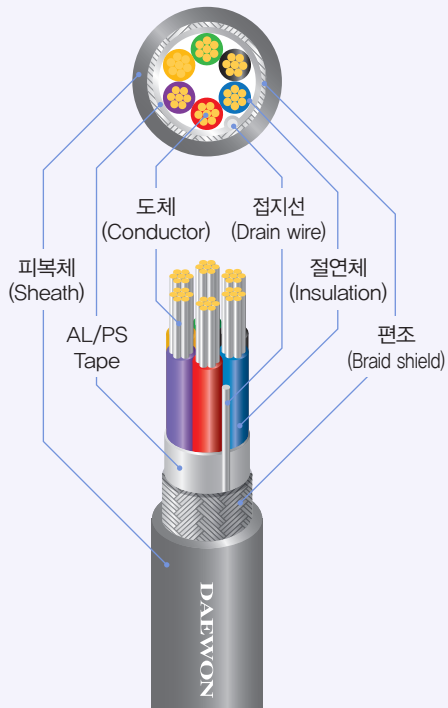
페어수 No. of Pair	도체 (Conductor)		절연체 (Insulation)		차폐 Tape	접지선 Drain wire	피복체 (Sheath)	
	규격 AWG	구성 Construction (mm)	두께 Thickness (mm)	외경 Diameter (mm)			두께 Thickness (mm)	외경 Diameter (mm)
1	18	1.02 A	0.4	1.8	AL/PS Tape	22AWG (17/0.16 TA)	0.8	5.3
2	18	1.02 A	0.4	1.8			1.2	8.6
1	16	1.29 A	0.4	2.1			1.0	6.3
2	16	1.29 A	0.4	2.1			1.3	9.7
1	14	1.63 A (41/0.254 TA)	0.8	3.2			1.2	9.0

※ Construction of conductor may be change by purchaser's requirement

※ Option : Filler

UL Style No. 2464

PVC 자켓 케이블 (PVC Jacketed Cable) – Core Type



제품의 용도

- 전자적 장비의 외부 또는 내부 연결용 (사무용 계산기, 탐지기, X-ray 장비 등)

Application

- Internal wiring of external interconnection of electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 300V 80°C (CSA) 300V 80°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 300V 80°C (CSA) 300V 80°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1

표준조장

- 300m, 500m

Unit length

- 300m, 500m

인쇄 (Marking)

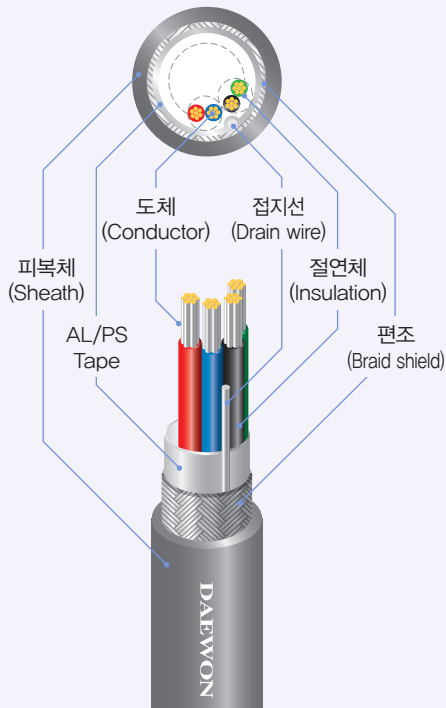
DAEWON E331577  AWM 2464 80°C 300V VW-1 **AWG x *C RoHS

코어수 No. of core	도체 (Conductor)			절연체 (Insulation)		차폐 Tape	접지선 Drain wire	편조 Braid shield	피복체 (Sheath)	
	규격 AWG	구성 Construction (mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				두께 Thickness (mm)	외경 Diameter (mm)
2	24	11/0.160	0.61	0.26	1.14	AL/PS Tape	24AWG (11/0.16 TA)	편조율 70%	0.82	4.5
3										4.7
4										4.9
6									0.85	5.6
8										6.0
10										6.8
15									0.95	7.6
20										8.3
2	24	17/0.160	0.76	0.26	1.28	AL/PS Tape	24AWG (11/0.16 TA)	편조율 70%	0.82	4.7
3										5.0
4										5.3
6									0.85	6.1
8										6.5
10										7.4
15									0.95	8.3
20										9.1

※ Construction of conductor may be change by purchaser's requirement
 ※ Option : Filler

UL Style No. 2464

PVC 자켓 케이블 (PVC Jacketed Cable) – Pair Type



제품의 용도

- 전자적 장비의 외부 또는 내부 연결용 (사무용 계산기, 탐지기, X-ray장비 등)

제품의 특성

- 케이블 정격 : (UL) 300V 80°C (CSA) 300V 80°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

표준조장

- 300m, 500m

Application

- Internal wiring of external interconnection of electronic equipment.

Characteristics of Product

- Cable rating : (UL) 300V 80°C (CSA) 300V 80°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1

Unit length

- 300m, 500m

인쇄 (Marking)

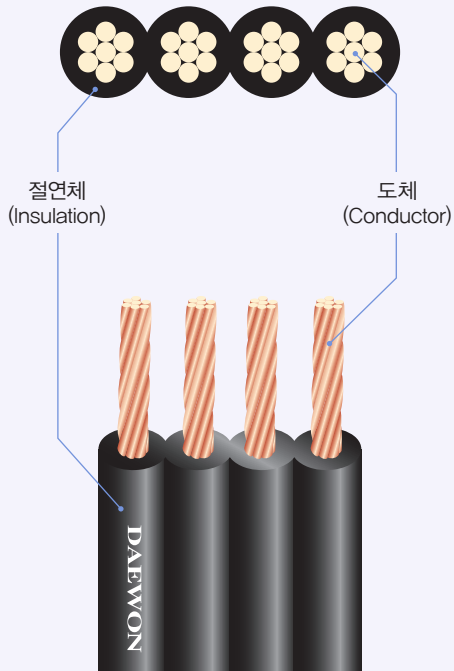
DAEWON E331577  AWM 2464 80°C 300V VW-1 **AWG x *PR RoHS

페어수 No. of pair	도체 (Conductor)			절연체 (Insulation)		차폐 Tape	접지선 Drain wire	편조 Braid shield	피복체 (Sheath)	
	규격 AWG	구성 Construction (mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				두께 Thickness (mm)	외경 Diameter (mm)
2	24	11/0.160	0.61	0.26	1.14	AL/PS Tape	24AWG (11/0.16 TA)	편조율 70%	0.85	4.5
3										5.1
4										6.3
6										6.9
8										7.8
10									1.00	9.9
15									1.10	11.8
20										12.8
2	22	17/0.160	0.76	0.26	1.28	AL/PS Tape	24AWG (11/0.16 TA)	편조율 70%	0.82	4.8
3									0.85	6.5
4										6.8
6										7.5
8									1.00	8.7
10									1.10	11.0
15										12.3
20										13.3

※ Construction of conductor may be change by purchaser's requirement
 ※ Option : Filler

UL Style No. 2468

Flat cable



제품의 용도

- 전기, 전자 기기의 내부 배선용

제품의 특성

- 케이블 정격 : (UL) 300V 80°C
(CSA) 300V 80°C
- 적용규격 : UL Subject 758
CSA C22.2
- 난연성 : (UL) VW-1
(CSA) FT1

표준조장

- 305m

Application

- Internal wiring of small-scale electronic equipments.

Characteristics of Product

- Cable rating : (UL) 300V 80°C
(CSA) 300V 80°C
- Standard : UL Subject 758
CSA C22.2
- Flame retardant : (UL) VW-1
(CSA) FT1

Unit length

- 305m

인쇄 (Marking)

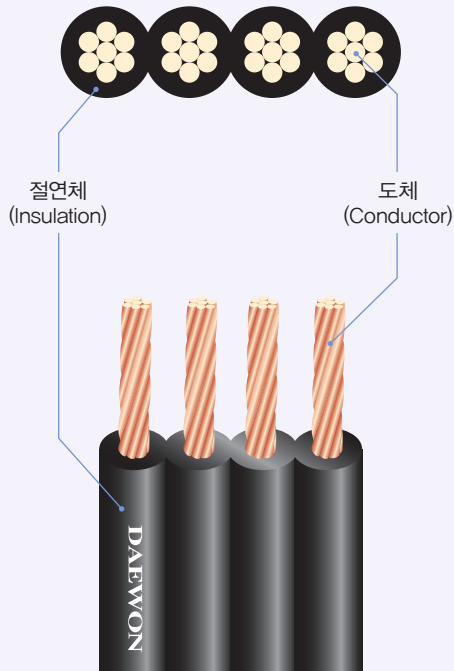
DAEWON E331577 AWM 2468 80°C 300V VW-1 E331577 AWM I A 80°C 300V FT1 **AWGx °C RoHS

Type	도체 (Conductor)			절연체 (Insulation)	완성외경 Finished Diameter		최대도체저항 Max.conductor resistance at 20°C (Ω/km)	최소절연저항 Min.insulation resistance 15.6°C (MΩ/km)
	규격 AWG	구성 Construction (mm)	외경 Diameter (mm)	두께 Thickness (mm)	The Minor Axis (mm)	The Minor Axis (mm)		
2C	28	7/0.127	0.38	0.42	1.22	2.64	239	10
3C						4.06		
4C						5.48		
2C	26	7/0.160	0.48	0.42	1.32	2.84	150	10
3C						4.36		
4C						5.88		
2C	24	11/0.160	0.61	0.42	1.45	3.10	94.2	10
3C						4.75		
4C						6.40		
2C	22	17/0.160	0.76	0.42	1.60	3.40	59.4	10
3C						5.20		
4C						7.00		
2C	20	26/0.160	0.95	0.42	1.79	3.78	36.7	10
3C						5.77		
4C						7.76		

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 2569

Flat cable



제품의 용도

- 전기, 전자 기기의 내부 배선용

제품의 특성

- 케이블 정격 : (UL) 600V 105°C (CSA) 600V 105°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

표준조장

- 305m

Application

- Internal wiring of small-scale electronic equipments.

Characteristics of Product

- Cable rating : (UL) 600V 105°C (CSA) 600V 105°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1

Unit length

- 305m

인쇄 (Marking)

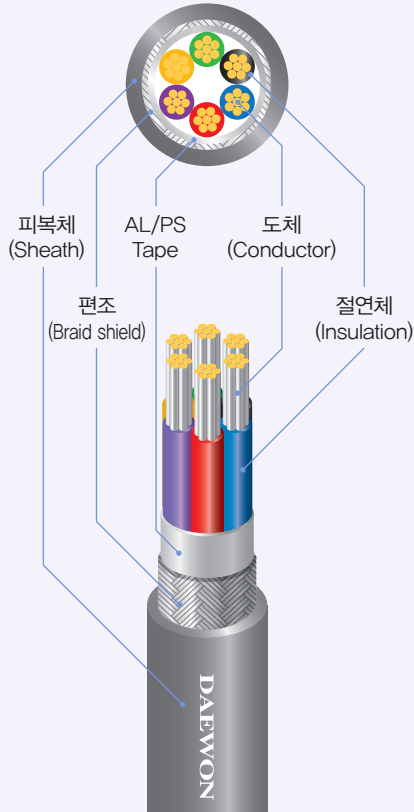
DAEWON E331577 AWM 2569 105°C 600V VW-1 E331577 AWM I A 105°C 600V FT1 **AWGx *C RoHS

Type	도체 (Conductor)			절연체 (Insulation)	완성외경 Finished Diameter		최대도체저항 Max.conductor resistance at 20°C (Ω /km)	최소절연저항 Min.insulation resistance 15.6°C (M Ω /km)
	규격 AWG	구성 Construction (mm)	외경 Diameter (mm)	두께 Thickness (mm)	The Minor Axis (mm)	The Minor Axis (mm)		
2C	28	7/0.127	0.38	0.81	2	4.20	237.3	10
3C						6.40		
4C						8.60		
2C	26	7/0.160	0.48	0.81	2.1	4.40	148.9	10
3C						6.70		
4C						9.00		
2C	24	11/0.160	0.61	0.81	2.23	4.66	93.3	10
3C						7.09		
4C						9.52		
2C	22	17/0.160	0.76	0.81	2.38	4.96	55.0	10
3C						7.54		
4C						10.12		
2C	20	26/0.160	0.95	0.81	2.57	5.34	34.6	10
3C						8.11		
4C						10.88		

* Construction of conductor may be change by purchaser's requirement

UL Style No. 2789

신호 전송용 케이블(Signal Cable)



제품의 용도

- 사무용 전자 기기의, 컴퓨터의 내부 배선용

Application

- Internal wiring or computer, office electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 30V 60°C (CSA) 30V 60°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 30V 60°C (CSA) 30V 60°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1

표준조장

- 305m

Unit length

- 305m

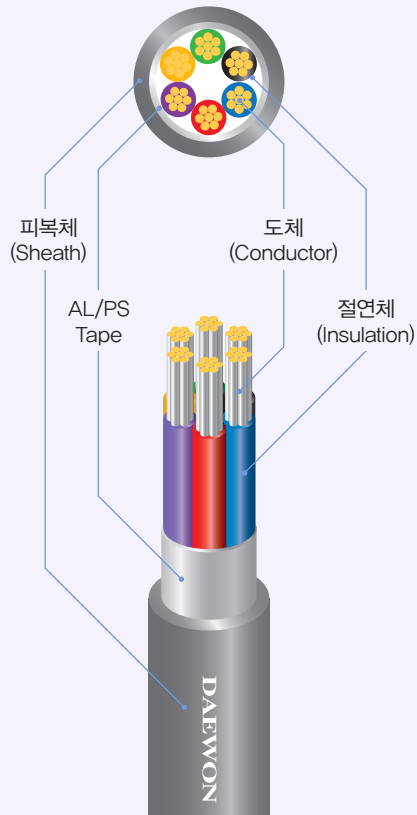
인쇄 (Marking)

DAEWON E331577  AWM 2789 60°C 30V VW-1 **AWG x *C RoHS

Type	도체 (Conductor)			절연체 Insulation	차폐 Tape	편조 Braid shield	피복체 (Sheath)	
	규격 AWG	구성 Construction (mm)	외경 Diameter	외경 Diameter (mm)			두께 Thickness (mm)	외경 Diameter (mm)
10C	28	7/0.127	0.38	0.80	AL/PS tape	편조율 70%	0.85	6.15
13C							0.85	6.38
25C							1.0	8.2
30C							1.10	10.4

UL Style No. 2835

신호 전송용 케이블(Signal Cable)



제품의 용도

- 내부 배선용이나 컴퓨터 및 주변 기기의 신호전송용

Application

- Internal wiring or external inter connection for computer and peripheral equipments.

제품의 특성

- 케이블 정격 : (UL) 30V 60°C (CSA) 30V 60°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 30V 60°C (CSA) 30V 60°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1

표준조장

- 305m

Unit length

- 305m

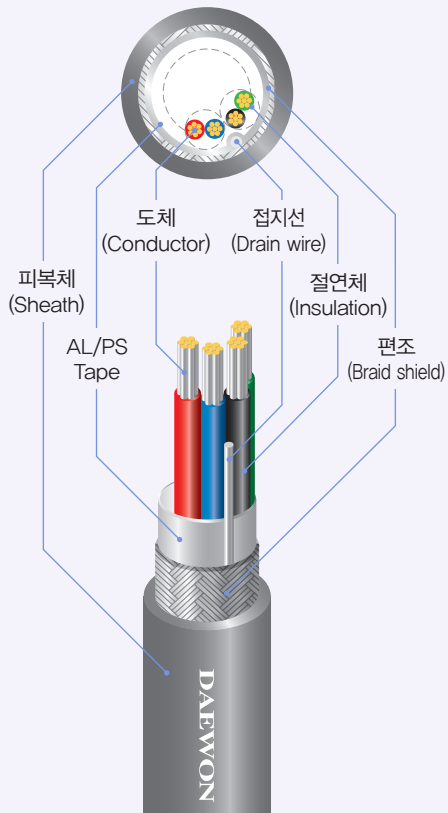
인쇄 (Marking)

DAEWON E331577  AWM 2835 60°C 30V VW-1 **AWG x *C RoHS

Type	도체 (Conductor)			절연체 (Insulation)		차폐 Tape	피복체 (Sheath)		최소절연저항 Min.insulation resistance 15.6°C (MΩ/km)	내전압 Dielectric strength AC (V/1min)
	규격 AWG	구성 Construction (mm)	외경 Diameter	두께 Thickness (mm)	외경 Diameter (mm)		두께 Thickness (mm)	외경 Diameter (mm)		
10C	22	17/0.16	0.76	0.25	1.26	AL/PS tape	0.85	6.7	15	500
12C							0.85	6.9		
15C							1.02	8.0		
20C							1.02	8.7		

UL Style No. 2919

저압용 컴퓨터 케이블 (RS-422)



제품의 용도

- 전기, 전자기기의 신호 전송용
- 전자적 컴퓨터와 전기장치의 Class 2 회로안의 외부 연결용
- VTR 카메라와 뷰파인더, 오디오, 비디오 장비의 연결용

제품의 특성

- 케이블 정격 : (UL) 30V 80°C (CSA) 30V 80°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

표준조장

- 500m

Application

- A signal transmission of electronic computer and electric equipment.
- External interconnection in class 2 circuit of electronic electronic equipment.
- Cord connecting VTR camera, viewfinder, audio and video equipment.

Characteristics of Product

- Cable rating : (UL) 30V 80°C (CSA) 30V 80°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1

Unit length

- 500m

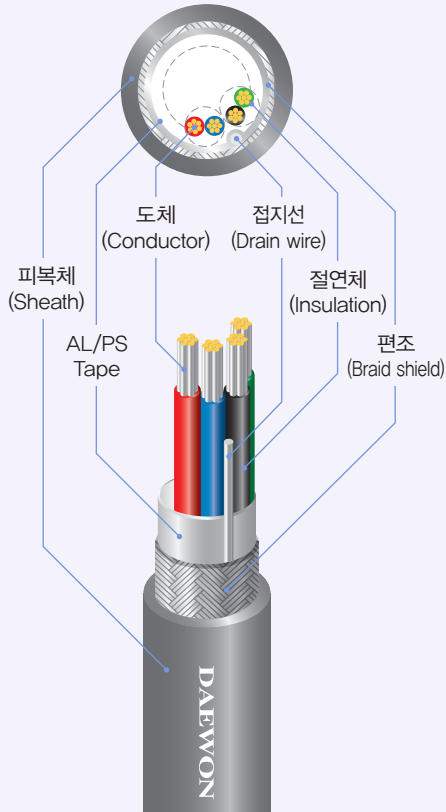
인쇄 (Marking)

DAEWON E331577  AWM 2919 80°C 30V VW-1 LOW VOLTAGE COMPUTER CABLE **PR **AWG RS-422 RoHS

페어수 No. of pair	도체 (Conductor)			절연체 (Insulation)		차폐 Tape	접지선 Drain wire	편조 Braid shield	피복체 (Sheath)	
	규격 AWG	구성 Construction (mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				두께 Thickness (mm)	외경 Diameter (mm)
2	24	11/0.160 or 7/0.203	0.61	0.4	1.4	AL/PS tape	24AWG (11/0.16 TA)	편조율 70%	0.85	7.4
3										7.8
4									1.00	8.4
6										9.9
10										11.7
15										12.6

UL Style No. 2919

저압용 컴퓨터 케이블 (RS-485)



제품의 용도

- 전기, 전자기기의 신호 전송용
- 전자적 컴퓨터와 전기장치의 Class 2 회로안의 외부 연결용
- VTR 카메라와 뷰파인더, 오디오, 비디오 장비의 연결용

제품의 특성

- 케이블 정격 : (UL) 30V 80°C (CSA) 30V 80°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

표준조장

- 500m

Application

- A signal transmission of electronic computer and electric equipment.
- External interconnection in class 2 circuit of electronic electronic equipment.
- Cord connecting VTR camera, viewfinder, audio and video equipment.


Characteristics of Product

- Cable rating : (UL) 30V 80°C (CSA) 30V 80°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1

Unit length

- 500m

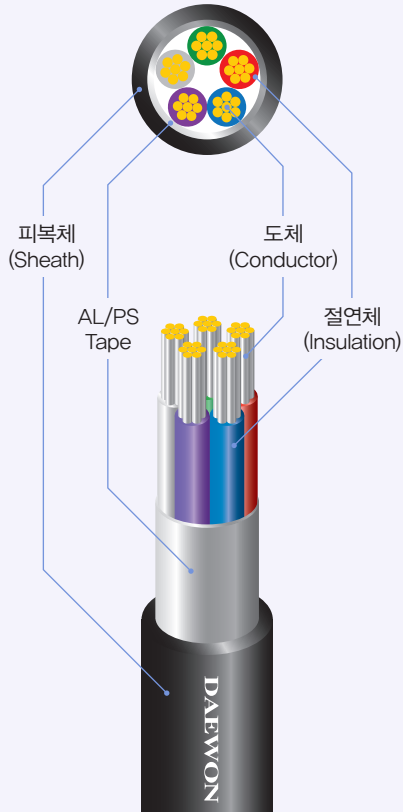
인쇄 (Marking)

DAEWON E331577  AWM 2919 80°C 30V VW-1 LOW VOLTAGE COMPUTER CABLE **PR **AWG RS-485 RoHS

페어수 No. of pair	도체 (Conductor)			절연체 (Insulation)		차폐 Tape	접지선 Drain wire	편조 Braid shield	피복체 (Sheath)	
	규격 AWG	구성 Construction (mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				두께 Thickness (mm)	외경 Diameter (mm)
1	24	11/0.160 or 7/0.203	0.61	0.55	1.74	AL/PS tape	24AWG (11/0.16 TA)	편조율 70%	0.85	5.8
2									1.00	8.5
3										9.2
4										9.9

UL Style No. 2969

컴퓨터 케이블(Computer Cable)



제품의 용도

- 내부 배선용이나 전자기기의 신호용

Application

- Internal wiring or computer, office electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 30V 80°C (CSA) 30V 80°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

Characteristics of Product

- Cable rating : (UL) 30V 80°C (CSA) 30V 80°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1

표준조장

- 305m

Unit length

- 305m

인쇄 (Marking)

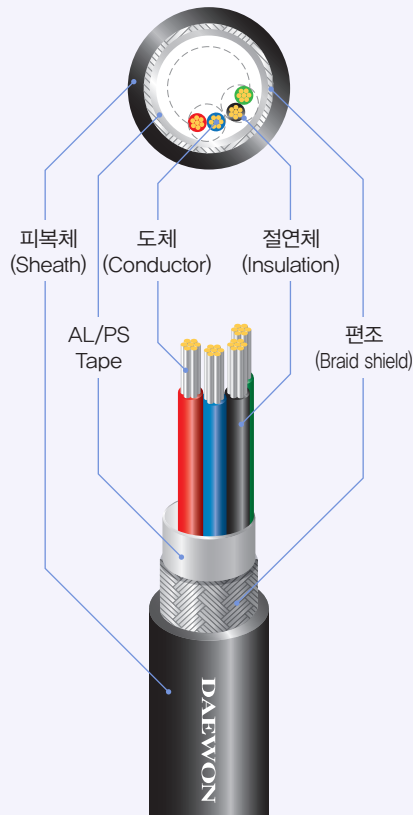
DAEWON E331577  AWM 2969 80°C 30V VW-1 **AWGx *C RoHS

Type	도체 (Conductor)			절연체 (Insulation)		차폐 Tape	피복체 (Sheath)		최소절연저항 Min.insulation resistance 15.6°C (MΩ/km)	내전압 Dielectric strength AC (V/1min)
	규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)		두께 Thickness (mm)	외경 Diameter (mm)		
2C	28	7/0.127	0.38	0.45	1.42	AL/PS tape	1.3	4.4	15	500
	26	7/0.160	0.48		1.52			4.6		
	24	7/0.203	0.61		1.65			4.9		
3C	28	7/0.127	0.38	0.45	1.42	AL/PS tape	1.3	4.6	15	500
	26	7/0.160	0.48		1.52			4.8		
	24	7/0.203	0.61		1.65			5.1		
4C	28	7/0.127	0.38	0.45	1.42	AL/PS tape	1.3	5.0	15	500
	26	7/0.160	0.48		1.52			5.2		
	24	7/0.203	0.61		1.65			5.6		
5C	28	7/0.127	0.38	0.45	1.42	AL/PS tape	1.3	5.4	15	500
	26	7/0.160	0.48		1.52			5.7		
	24	7/0.203	0.61		1.65			6.1		

※ Option : Shield

UL Style No. 20276

컴퓨터 케이블(Computer Cable)



제품의 용도

- 전기, 전자기기의 내부 배선용

제품의 특성

- 케이블 정격 : (UL) 30V 80°C (CSA) 30V 80°C
- 적용규격 : UL Subject 758 CSA C22.2
- 난연성 : (UL) VW-1 (CSA) FT1

표준조장

- 305m

Application

- A signal transmission of electronic computer and electric equipment.

Characteristics of Product

- Cable rating : (UL) 30V 80°C (CSA) 30V 80°C
- Standard : UL Subject 758 CSA C22.2
- Flame retardant : (UL) VW-1 (CSA) FT1

Unit length

- 305m

인쇄 (Marking)

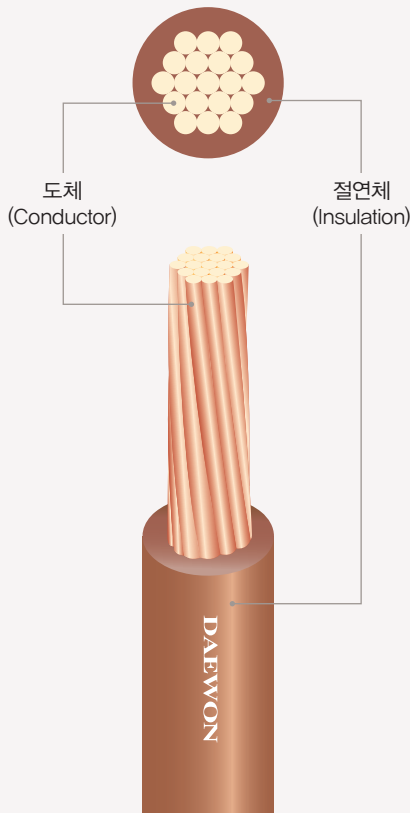
DAEWON E331577  AWM 20276 80°C 30V VW-1 **AWGx *P RoHS

페어수 No. of pair	도체 (Conductor)			절연체 (Insulation)		차폐 Tape	편조 Braid shield	피복체 (Sheath)	
	규격 AWG	구성 Construction (mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)			두께 Thickness (mm)	외경 Diameter (mm)
5	28	7/0.127	0.38	0.14	0.66	AL/PS tape	편조율 70%	0.81	5.4
10									6.5
15									7.1
20								0.90	7.8

UL Style No. 3239

Silicone Rubber insulated wire(SRW)

Lead Free Flexible high voltage wire



제품의 용도

- 전기, 전자 기기의 내부 배선용

Application

- Internal wiring of electrical and electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 40kVDC 150°C
- 적용규격 : UL Subject 758
CSA AWM
- 난연성 : (UL) VW-1
(CSA) FT1

Characteristics of Product

- Cable rating : (UL) 40kVDC 150°C
- Standard : UL Subject 758
CSA AWM
- Flame retardant : (UL) VW-1
(CSA) FT1


표준조장

- 300m, 500m

Unit length

- 300m, 500m

인쇄 (Marking)

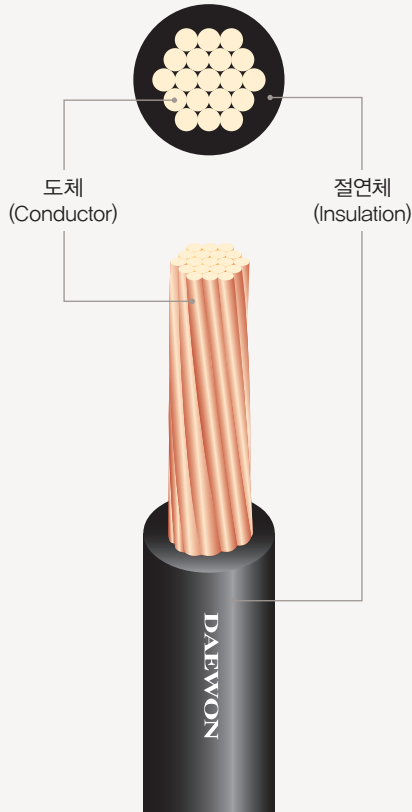
DAEWON E331577  AWM 3239 150°C 40kVDC VW-1 ** AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max. conductor resistance (20°C)	내전압 Dielectric strength (DC) (kV/30min)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)			
24	7/0.203	0.61	2.63	5.9	94.2	80	2000(610)
22	7/0.254	0.76	2.63	6.0	59.4		
20	10/0.254	0.92	2.63	6.2	36.7		
18	16/0.254	1.17	2.63	6.4	23.2		
16	26/0.254	1.49	2.63	6.8	14.6		
14	41/0.254	1.87	2.63	7.1	8.96		
12	65/0.254	2.36	2.63	7.6	5.64		

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 3321

Irradiated cross-linked(PE) Insulated Wire



제품의 용도

- 전기, 전자 기기의 내부 배선용
- 모터 및 변압기 리드선

Application

- Internal wiring of electrical and electronic equipment.
- Lead wire of motor and transformer.

제품의 특성

- 케이블 정격 : (UL) 600V 150°C
(CSA) 600V 150°C
- 적용규격 : UL Subject 758
CSA AWM
- 난연성 : (UL) VW-1
(CSA) FT1

Characteristics of Product

- Cable rating : (UL) 600V 150°C
(CSA) 600V 150°C
- Standard : UL Subject 758
CSA AWM
- Flame retardant : (UL) VW-1
(CSA) FT1

표준조장

- 305m, 610m

Unit length

- 305m, 610m

인쇄 (Marking)

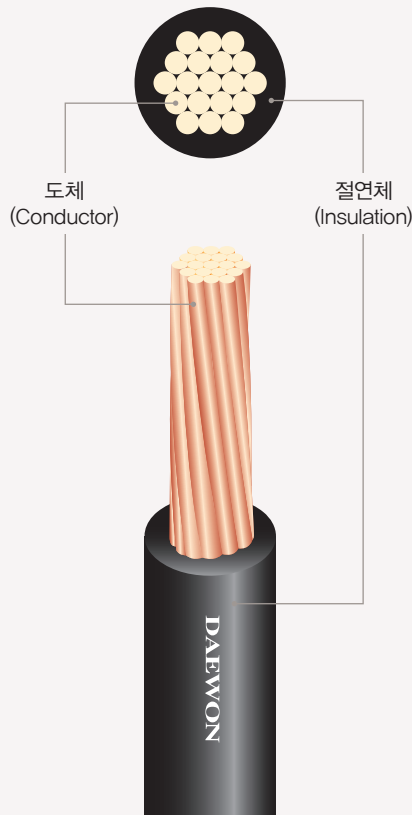
DAEWON E331577  AWM 3321 150°C 600V VW-1 E331577  AWM I A 150°C 600V FT1 ** AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max. conductor resistance (20°C)	최소절연저항 Min. insulation resistance (15.6°C)	내전압 Dielectric strength (AC)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
24	11/0.160	0.61	0.8	2.2	94.2	15	2000	2000(610)
22	17/0.160	0.76		2.3	59.4			
20	26/0.160	0.96		2.5	36.7			
18	41/0.16	1.17		2.8	23.2			
16	26/0.254	1.49		3.1	14.6			1000(305)
14	41/0.254	1.89		3.5	8.96			
12	65/0.254	2.36		3.9	5.64			
10	66/0.320	3.00		4.6	3.55			

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 3343

Irradiated cross-linked(PE) Insulated Wire



제품의 용도

- 전기 전자기기의 내부 배선용
- 모터 및 변압기 리드선

Application

- Internal wiring of appliances and electronic equipments.
- Lead wire of motor and transformer.

제품의 특성

- 케이블 정격 : (UL) 600V 125°C
(CSA) 600V 125°C
- 적용규격 : UL Subject 758
- 난연성 : (UL) VW-1
(CSA) FT1

Characteristics of Product

- Cable rating : (UL) 600V 125°C
(CSA) 600V 125°C
- Standard : UL Subject 758
- Flame retardant : (UL) VW-1
(CSA) FT1



표준조장

- 305m, 610m

Unit length

- 305m, 610m

인쇄 (Marking)

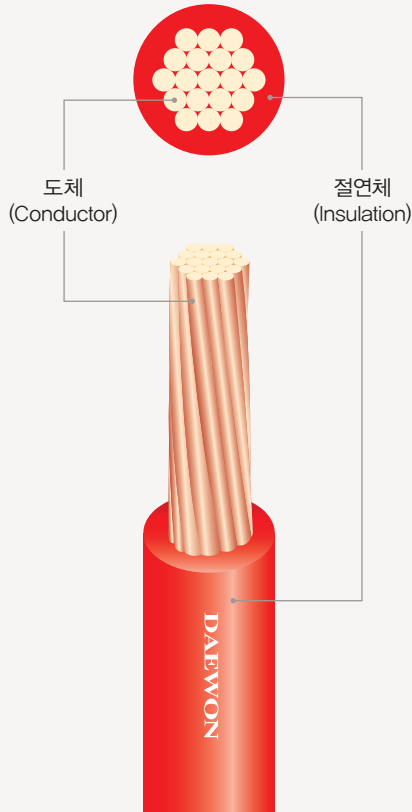
DAEWON E331577  AWM 3343 125°C 600V VW-1 E331577  AWM I A 125°C 600V FT1 ** AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max. conductor resistance (20°C)	최소절연저항 Min. insulation resistance (15.6°C)	내전압 Dielectric strength (AC)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
24	11/0.160	0.61	0.8	2.2	94.2	15	2000	2000(610)
22	17/0.160	0.76		2.3	59.4			
20	26/0.160	0.96		2.5	36.7			
18	41/0.16	1.17		2.8	23.2			
16	26/0.254	1.49		3.1	14.6			1000(305)
14	41/0.254	1.89		3.5	8.96			
12	65/0.254	2.36		3.9	5.64			
10	66/0.320	3.00		4.6	3.55			

※ Construction of conductor may be change by purchaser's requirement

UL Style No. 3398

Irradiated cross-linked(PE) Insulated Wire



제품의 용도

- 전기, 전자 기기의 내부 배선용

Application

- Internal wiring of electrical and electronic equipment.

제품의 특성

- 케이블 정격 : (UL) 300V 150°C
(CSA) 300V 150°C
- 적용규격 : UL Subject 758
- 난연성 : (UL) VW-1
(CSA) FT1

Characteristics of Product

- Cable rating : (UL) 300V 150°C
(CSA) 300V 150°C
- Standard : UL Subject 758
- Flame retardant : (UL) VW-1
(CSA) FT1



표준조장

- 305m, 610m

Unit length

- 305m, 610m

인쇄 (Marking)

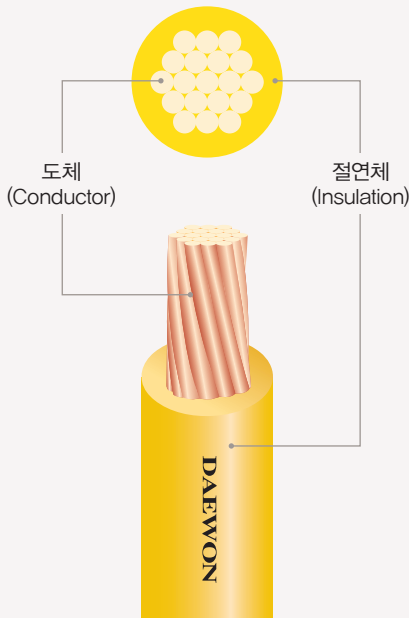
DAEWON E331577  AWM 3398 150°C 300V VW-1 E331577  AWM I A 150°C 300V FT1 ** AWG RoHS

도체 (Conductor)			절연체 (Insulation)		최대도체저항 Max. conductor resistance (20°C)	최소절연저항 Min. insulation resistance (15.6°C)	내전압 Dielectric strength (AC)	조장 Unit length ft(m)
규격 AWG	구성 Construction (No./mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Diameter (mm)				
28	7/0.127	0.38	0.4	1.18	239.0	15	2000	2000(610)
26	7/0.160	0.48		1.28	150.0			
24	11/0.160	0.61		1.41	94.2			
22	17/0.160	0.76		1.56	59.4			
20	26/0.160	0.96		1.86	36.7			
18	41/0.16	1.17		2.10	23.2			1000(305)
16	26/0.254	1.49		2.41	14.6			

※ Construction of conductor may be change by purchaser's requirement

0.6/1kV XHHW/SIS

0.6/1kV XLPE 절연 전선 (XLPE Insulation wire) CLASS 5



제품의 용도

- 0.6/1kV 이하의 일반 전기 공작물이나 전기기기의 배선용

Application

- It is used mainly in wiring of electric apparatus and equipment under 0.6/1kV grade.

제품의 특성

- 케이블 정격 : 0.6/1kV 90℃
- 적용규격 : UL Subject 44, IEC 60228
- 도체등급 : 주석도금 연동연선 (Class 5)
- 난연성 : (UL) VW-1, VTFT

Characteristics of Product

- Cable rating : 0.6/1kV 90℃
- Standard : UL Subject 44, IEC 60228
- Conductor Grade : Annealed tinned copper (Class 5)
- Flame retardant : (UL) VW-1, VTFT

표준조장

- 300m

Unit length

- 300m

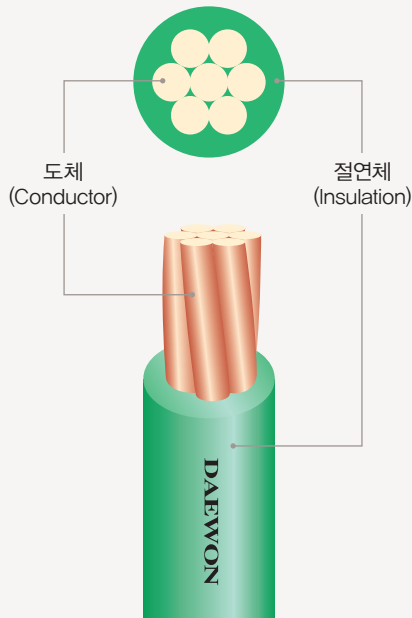
인쇄 (Marking)

0.6/ 1kV (450/750kV) UL44 XHHW/ SIS **SQMM IEC60228 CLASS 5 DAEWON VW-1 VTFT.

도체 Conductor			절연체 두께 Insulation Thickness		완성품 바깥지름 약(mm)	도체저항 20℃ (Ω/km)	최소절연저항 Min.insulation resistance 15℃ (MΩ/km)	내전압 Dielectric strength AC (V/5min)	완성품 개산중량 약(kg/km)
공칭 단면적 (mm ²)	구성(Construction) 가닥수 (EA)	최대 소선경 (mm)	바깥지름 Diameter 약(mm)	평균 (mm)	최소 (mm)				
1.5	30	0.26	1.58	0.76	0.69	3.4	13.70	910	25
2.5	50	0.26	2.04	0.76	0.69	3.9	8.21	815	40
4	56	0.31	2.59	0.76	0.69	4.4	5.09	685	55
6	84	0.31	3.17	0.76	0.69	5.0	3.39	565	75
10	80	0.41	4.73	1.14	1.02	7.3	1.95	650	125
16	126	0.41	5.88	1.14	1.02	8.4	1.24	454	180
25	196	0.41	7.32	1.14	1.02	9.9	0.795	445	270
35	276	0.41	8.72	1.14	1.02	11.3	0.565	370	370
50	396	0.41	10.60	1.40	1.27	13.8	0.393	355	535
70	360	0.51	12.53	1.40	1.27	15.7	0.277	320	740
95	475	0.51	14.45	1.40	1.27	18.0	0.210	290	960
120	608	0.51	16.30	1.65	1.47	20.0	0.164	280	1230
150	756	0.51	18.25	1.65	1.47	21.9	0.132	255	1510
185	925	0.51	20.23	1.65	1.47	23.9	0.108	225	1830
240	1221	0.51	23.17	1.65	1.47	26.8	0.0817	205	2395
300	1550	0.51	26.13	2.03	1.83	30.6	0.0654	220	3060

0.6/1kV XHHW/SIS

0.6/1kV XLPE 절연 전선 (XLPE Insulation wire) CLASS 2



제품의 용도

- 0.6/1kV 이하의 일반 전기 공작물이나 전기기기의 배선용

Application

- It is used mainly in wiring of electric apparatus and equipment under 0.6/1kV grade.

제품의 특성

- 케이블 정격 : 0.6/1kV 90°C
- 적용규격 : UL Subject 44, IEC 60228
- 도체등급 : 주석도금 연동연선 (Class 2)
- 난연성 : (UL) VW-1, VTFT

Characteristics of Product

- Cable rating : 0.6/1kV 90°C
- Standard : UL Subject 44, IEC 60228
- Conductor Grade : Annealed tinned copper (Class 2)
- Flame retardant : (UL) VW-1, VTFT

표준조장

- 300m

Unit length

- 300m

인쇄 (Marking)

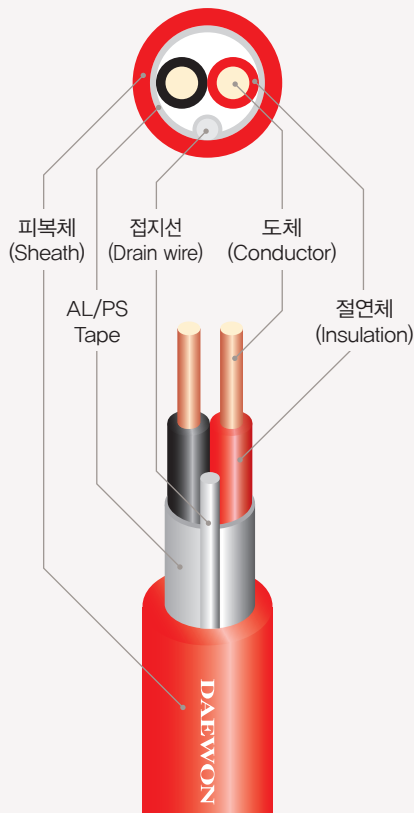
0.6/ 1kV (450/750kV) UL44 XHHW/ SIS **SQMM IEC60228 CLASS 2 DAEWON VW-1 VTFT.

도체 Conductor			절연체 두께 Insulation Thickness		완성품 바깥지름 약(mm)	도체저항 20°C (Ω/km)	최소절연저항 Min.insulation resistance 15°C (MΩ/km)	내전압 Dielectric strength AC (V/5min)	완성품 개산중량 약(kg/km)
공칭 단면적 (mm ²)	구성 Construction (No./mm)	바깥지름 Diameter 약(mm)	평균 (mm)	최소 (mm)					
1.5	7/0.53	1.59	0.76	0.69	3.3	12.2	910	3500	25
2.5	7/0.67	2.01	0.76	0.69	3.8	7.56	815	3500	40
4	7/0.85	2.55	0.76	0.69	4.4	4.70	685	3500	55
6	7/1.04	3.12	0.76	0.69	4.9	3.11	565	3500	75
10	7/1.35	4.05	1.14	1.02	6.6	1.16	650	3500	120
16	7/1.70	5.10	1.14	1.02	7.7	0.734	454	3500	180
25	7/2.14	6.42	1.14	1.02	9.0	0.529	445	3500	275
35	7/2.52	7.56	1.14	1.02	10.1	0.391	370	3500	375
50	19/1.78	8.90	1.40	1.27	12.0	0.270	355	3500	505
70	19/2.14	10.70	1.40	1.27	13.9	0.195	320	3500	710
95	19/2.52	12.60	1.40	1.27	15.8	0.154	290	3500	970
120	37/2.03	14.21	1.65	1.47	17.9	0.126	280	3500	1225
150	37/2.25	15.75	1.65	1.47	19.4	0.100	255	3500	1485
185	37/2.52	17.64	1.65	1.47	21.3	0.0762	225	3500	1845
240	61/2.25	20.25	1.65	1.47	23.9	0.0607	205	3500	2445
300	61/2.52	22.68	2.03	1.83	27.1	0.0475	220	3500	3090

TSP

UL Style No. FPLR, FPL

소방용 케이블 (Fire Alarm Cable) – Core Type



제품의 용도

- 소방용 알람등의 신호용 및 통신 기기의 신호 전송용으로 사용되는 차폐 케이블 제어용 신호 전달 목적에 효과적으로 적용

Application

- Power Limited Fire Alarm Cable and Communications Cable for Riser Applications.

제품의 특성

- 케이블 정격 : (UL) 300V 105°C (CSA) 300V 105°C
- 적용규격 : UL Subject 1424,
- 난연성 : (UL) FPLR, FPL (CSA) FT4

Characteristics of Product

- Cable rating : (UL) 300V 105°C (CSA) 300V 105°C
- Standard : UL Subject 1424,
- Flame retardant : (UL) FPLR, FPL (CSA) FT4

표준조장

- 1000FT (305m)
- 300m

Unit length

- 1000FT (305m)
- 300m

인쇄 (Marking)

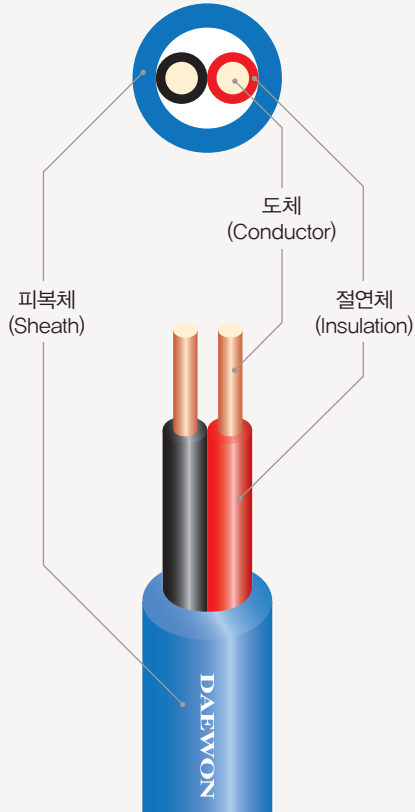
DAEWON 2C x **AWG E464946 FPLR (UL) 105°C --- c(UL) 105°C FT-4 0000 TSP RoHS 0000M

코어수 No.	도체 (Conductor)		절연체 (Insulation)		차폐 Tape	접지선 Drain wire	피복체 (Sheath)	
	규격 AWG	구성 Construction (mm)	두께 Thickness (mm)	외경 Diameter (mm)			두께 Thickness (mm)	외경 Approx. Diameter (mm)
2	18	1.02 A	0.4	1.8	AL/PS Tape	22AWG (7/0.254 TA)	0.9	5.6
2	16	1.29 A	0.4	2.1			0.9	6.2
2	14	1.63 A	0.5	2.7		16AWG (26/0.254 TA)	1.0	8.4

TP

UL Style No. FPLR, FPL

소방용 케이블 (Fire Alarm Cable) – Core Type



제품의 용도

- 소방용 알람등의 신호용 및 통신 기기의 신호 전송용으로 사용되는 비차폐케이블

Application

- Power Limited Fire Alarm Cable and Communications Cable for Riser Applications.

제품의 특성

- 케이블 정격 : (UL) 300V 105°C (CSA) 300V 105°C
- 적용규격 : UL Subject 1424,
- 난연성 : (UL) FPLR, FPL (CSA) FT4

Characteristics of Product

- Cable rating : (UL) 300V 105°C (CSA) 300V 105°C
- Standard : UL Subject 1424,
- Flame retardant : (UL) FPLR, FPL (CSA) FT4

표준조장

- 1000FT (305m)
- 300m

Unit length

- 1000FT (305m)
- 300m

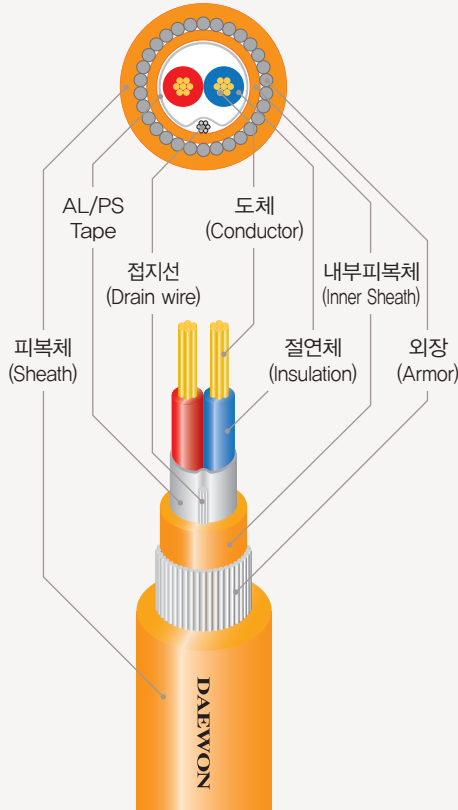
인쇄 (Marking)

DAEWON 2C x **AWG E464946 FPLR (UL) 105°C --- c(UL) 105°C FT-4 0000 TP RoHS 0000M

코어수 No.	도체 (Conductor)		절연체 (Insulation)		피복체 (Sheath)	
	규격 AWG	구성 Construction (mm)	두께 Thickness (mm)	외경 Diameter (mm)	두께 Thickness (mm)	외경 Approx. Diameter (mm)
2	18	1.02 A	0.4	1.8	0.7	5.1
2	16	1.29 A	0.4	2.1	0.8	5.9
2	14	1.63 A	0.5	2.7	1.0	7.6

Fieldbus Foundation Cable

PE, PO / PVC / PVC Jacketed Cable



제품의 특성

- 케이블 정격 : 300V 105°C
- 적용규격 : IEC 61158-2, UL13
- 31.25 kHz에서 임피던스 : $100\Omega \pm 20\%$
- 39 kHz에서 최대 감쇠 : 3.0 dB/km
- 차폐막에 대한 최대 비평형 전기용량 : 4 nF/km
- 최대직류 저항 (도체당) : 24 Ω /km
- 최대 전파 지연시간 변화 : 1.7 μ s/km
- 난연성 : (UL) FT-4

Characteristics of Product

- Cable rating : 300V 105°C
- Standard : IEC 61158-2, UL13
- Characteristics impedance at 31.25 kHz : $100\Omega \pm 20\%$
- Maximum attenuation at 39 kHz : 3.0 dB/km
- Maximum capacitance : 4 nF/km
- Maximum DC resistance (per conductor) : 24 Ω /km
- Maximum propagation delay : 1.7 μ s/km
- Flame retardant : (UL) FT-4

인쇄 (Marking)

DAEWON FIELDBUS TYPE A *PR **AWG SHIELDED 105°C PLTC 300V OR ITC 300V FT-4 SUN RES

페어수 Pair	도체 (Conductor)		절연체 (Insulation)		차폐 Tape	접지선 Drain wire	내부 피복체 (Sheath)		외장 Armor (mm)	피복체 (Sheath)	
	규격 AWG	구성 Construction (No./mm)	두께 Thickness (mm)	외경 Diameter (mm)			두께 Thickness (mm)	외경 Approx. Diameter (mm)		두께 Thickness (mm)	외경 Approx. Diameter (mm)
1	18	7/0.38	0.5	2.2	AL/PS Tape	20AWG (7/0.30 TA)	—	—	—	1.00	6.8
1	18	7/0.38	0.5	2.2			0.85	5.9	0.80	1.40	11.2

* Construction of conductor may be change by purchaser's requirement

* Option : Armor

인증서 (CERTIFICATE) / 납품실적증명원

Korean Standards Association

환경경영시스템인증서

대원전선(주)

충청남도 예산군 고덕면 호음덕령길 92


한국표준협회는 위 조직의 환경경영시스템이 아래의 표준과 인증범위에 적합함을 인증함

인증번호: EMS-0533



표준: KS ISO 14001:2009/ISO 14001:2004

인증범위: 전력, 통신 및 자동차 전선의 설계, 개발 및 제조

유효기간: 2013년 09월 19일부터 2016년 09월 18일까지
최초인증일: 2007년 09월 19일
2013년 07월 29일

한국표준협회 

KSA에 대한 IAF MLA 가입 인정기관에 의한 인정. KSA는 한국인정원(KAS)으로부터 품질경영체계 인증기관으로 인정(인정번호: KAS-QC-10)되었음을 나타내는 인증서로 발급함.

KSA  

Korean Standards Association

품질경영시스템인증서

대원전선(주)

충청남도 예산군 고덕면 호음덕령길 92


한국표준협회는 위 조직의 품질경영시스템이 아래의 표준과 인증범위에 적합함을 인증함

인증번호: QMS-2719



표준: KS Q ISO 9001:2009/ISO 9001:2008


인증범위: 케이블(전력용, 제어용, 통신용)의 설계, 개발 및 제조


유효기간: 2013년 09월 19일부터 2016년 09월 18일까지
최초인증일: 2003년 04월 01일
2013년 07월 29일

한국표준협회 

KSA에 대한 IAF MLA 가입 인정기관에 의한 인정. KSA는 한국인정원(KAS)으로부터 품질경영체계 인증기관으로 인정(인정번호: KAS-QC-10)되었음을 나타내는 인증서로 발급함.

KSA  

납 품 실 적 증 명 원					처리기간
					즉시
신 청 인	주 소	충청남도 예산군 고덕면 오추리 134-7			서 명 환
	상 호	대 원 전 선 주 식 회 사			
	등 록 번 호	124-81-05047	전 화 번 호	041-339-3542	
용 도	제 출 용	건설업체, 공급업체	소 요 부 수		
아래와 같이 소방용 TSP CABLE 납품한 실적이 있음을 증명합니다. [단위: 백만원]					
실 적	구분	공사명	계약금액	납품기간	원도급사
		방탄미군기지	174	~ 2014.11	남광도건
		오산미군기지	14	~ 2014.4	대보건설(주)
		세종시 LH APT공사	9	~ 2014.6	호반건설
	가림시장 재건축	32	~ 2014.6	중흥건설	
현 재 진행 현장	인천 용현 SK VIEW 현장	135	2014. 6	SK건설㈜	
충청남도 예산군 고덕면 오추리 134-7 대 원 전 선 주 식 회 사 대표이사 서 명 환 					
상기 사실을 확인함.					

납 품 실 적 증 명 원					처리기간
					즉시
신 청 인	주 소	충청남도 예산군 고덕면 오추리 134-7			서 명 환
	상 호	대 원 전 선 주 식 회 사			
	등 록 번 호	124-81-05047	전 화 번 호	041-339-3542	
용 도	증빙용	상점 관계사	소 요 부 수	1	
아래와 같이 소방용 TP / TSP CABLE 납품한 실적이 있음을 증명합니다. [단위: 백만원]					
실 적	구분	공사명	계약금액	납품기간	원도급사
		소방 설비 시공 공사	162	2014.6 ~ 2014.7	상성 관계사
		TP CABLE 16AWG X 2C (RD)			
		TSP CABLE 16AWG X 2C (RD)			
현 재 진행 현장					
충청남도 예산군 고덕면 오추리 134-7 대 원 전 선 주 식 회 사 대표이사 서 명 환 					
상기 사실을 확인함.					
119-85-16220 계일모직(주) 김광성 경기도 수원시 영통구 신원로 88 계 조 소방시설가게					

UL 인증서 (CERTIFICATE)

CERTIFICATE OF COMPLIANCE

Certificate Number 20131017-E331577
Report Reference E331577-20090911
Issue Date 2013-OCTOBER-17


Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that representative samples of COMPONENT - APPLIANCE WIRING MATERIAL
 SINGLE-CONDUCTOR THERMOPLASTIC-INSULATED
 WIRE, 1007, 1015, 1061, 1569, 1589

Have been investigated by UL in accordance with the
 Standard(s) indicated on this Certificate.

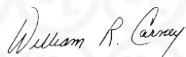
Standard(s) for Safety: UL 758, Appliance Wiring Material
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Mark should be considered as being covered by UL's Recognition and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.



William R. Carney, Director, North American Certification Programs
 UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus



UL 인증서 (CERTIFICATE)

CERTIFICATE OF COMPLIANCE

Certificate Number 20130402-E331577
Report Reference E331577-20090911
Issue Date 2013-APRIL-02


Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that representative samples of COMPONENT - APPLIANCE WIRING MATERIAL
 MULTI-CONDUCTOR THERMOPLASTIC-INSULATED
 WIRE – 2095, 2464, 2919, 20276

Have been investigated by UL in accordance with the
 Standard(s) indicated on this Certificate.

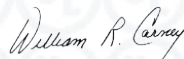
Standard(s) for Safety: UL 758 - Appliance Wiring Material
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Mark should be considered as being covered by UL's Recognition and Follow-Up Service.

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Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.



William R. Carney, Director, North American Certification Programs
 UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at www.ul.com/contactus



UL 인증서 (CERTIFICATE)

CERTIFICATE OF COMPLIANCE

Certificate Number 20130513-E331577
Report Reference E331577-20130510
Issue Date 2013-MAY-13


Issued to: DAE WON CABLE CO LTD
134-7 OCHU-RI
GODEOK-MYON
YESAN-GUN CHUNGNAM-DO 340-934 KOREA

**This is to certify that
representative samples of** COMPONENT - APPLIANCE WIRING MATERIAL
SINGLE-CONDUCTOR THERMOSETTING-INSULATED WIRE-
3321, 3398, 3343

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

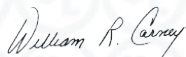
Standard(s) for Safety: UL 758-for Appliance Wiring Material
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Mark should be considered as being covered by UL's Recognition and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.



William R. Carney, Director, North American Certification Programs
UL LLC

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UL 인증서 (CERTIFICATE)

CERTIFICATE OF COMPLIANCE


Certificate Number 20131018-E332809
Report Reference E332809-20100507
Issue Date 2013-OCTOBER-18

Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that representative samples of POWER-LIMITED CIRCUIT CABLE
 Types CL3, PLTC (60°C - 105°C)

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Standard for Power Limited Circuit Cable, UL 13
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.
 The UL Listing Mark generally includes the following elements: the symbol UL in a circle:  with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.


 William R. Carney, Director, North American Certification Programs
 UL LLC

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Page 1 of 1

CERTIFICATE OF COMPLIANCE


Certificate Number 20131017-E306698
Report Reference E306698-20060712
Issue Date 2013-OCTOBER-17

Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that representative samples of THERMOSET-INSULATED WIRE
 Type RHW-2, rated 600 V.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Thermoset-Insulated Wires and Cables - UL 44
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.
 The UL Listing Mark generally includes the following elements: the symbol UL in a circle:  with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.


 William R. Carney, Director, North American Certification Programs
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Page 1 of 1

CERTIFICATE OF COMPLIANCE


Certificate Number 20140206-E464809
Report Reference E464809-20140205
Issue Date 2014-FEBRUARY-06

Issued to: DAE WON CABLE CO LTD
 134-7 OchU-RI
 Godeok-Myon
 Yesan-Gun Chungnam-Do 340-934 KOREA

This is to certify that representative samples of WIRE, SPECIAL PURPOSE
 Cathodic Protection Cable

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 83, Thermoplastic-Insulated Wires and Cables
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.
 The UL Listing Mark generally includes the following elements: the symbol UL in a circle:  with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.


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Page 1 of 1

CERTIFICATE OF COMPLIANCE


Certificate Number 20131017-E88999
Report Reference E88999-20110527
Issue Date 2013-OCTOBER-17

Issued to: DAE WON CABLE CO LTD
 134-7 OCHU-RI
 GODEOK-MYON
 YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that representative samples of THERMOPLASTIC-INSULATED WIRE
 Type THHW

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 83, Thermoplastic-Insulated Wires and Cables
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's Listing and Follow-Up Service.
 The UL Listing Mark generally includes the following elements: the symbol UL in a circle:  with the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

Look for the UL Listing Mark on the product.


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Page 1 of 1

UL 인증서 (CERTIFICATE)

CERTIFICATE OF COMPLIANCE

Certificate Number 20131017-E301928
Report Reference E301928-20060814
Issue Date 2013-OCTOBER-17

Issued to: DAE WON CABLE CO LTD
134-7 OCHU-RI
GODEOK-MYON
YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that
representative samples of MEDIUM-VOLTAGE CABLE
Type MV-90 Cable, rated 5 to 35 kV

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: Standard for Medium Voltage Power Cables (UL 1072)
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's
Listing and Follow-Up Service.
The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the
word "LISTED", a control number (may be alphanumeric) assigned by UL; and the product category
name (product identifier) as indicated in the appropriate UL Directory.
Look for the UL Listing Mark on the product.

William R. Carney
William R. Carney, Director, North American Certification Programs
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Page 1 of 1

CERTIFICATE OF COMPLIANCE

Certificate Number 20131031-E365103
Report Reference E365103-20131031
Issue Date 2013-OCTOBER-31

Issued to: DAE WON CABLE CO LTD
134-7 OCHU-RI
GODEOK-MYON
YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that
representative samples of POWER AND CONTROL TRAY CABLE
USL - Type TC Power and Control Tray Cable

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: Standard for Electrical Power and Control Tray Cables with
Optional Optical-Fiber Members, UL 1277
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's
Listing and Follow-Up Service.
The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the
word "LISTED", a control number (may be alphanumeric) assigned by UL; and the product category
name (product identifier) as indicated in the appropriate UL Directory.
Look for the UL Listing Mark on the product.

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Page 1 of 1

CERTIFICATE OF COMPLIANCE

Certificate Number 20140214-E464946
Report Reference E464946-20140214
Issue Date 2014-FEBRUARY-14

Issued to: DAE WON CABLE CO LTD
134-7 Ochuri
Godeok-Myon
Yesan-Gun Chungnam-Do 340-934 KOREA

This is to certify that
representative samples of POWER-LIMITED FIRE ALARM CABLE
Types: FPLR, FPL (60°C to 105°C).

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1424, Power Limited Fire-Alarm Circuits
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's
Listing and Follow-Up Service.
The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the
word "LISTED", a control number (may be alphanumeric) assigned by UL; and the product category
name (product identifier) as indicated in the appropriate UL Directory.
Look for the UL Listing Mark on the product.

William R. Carney
William R. Carney, Director, North American Certification Programs
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Page 1 of 1

CERTIFICATE OF COMPLIANCE

Certificate Number 20130418-E336580
Report Reference E336580-20100503
Issue Date 2013-APRIL-18

Issued to: DAE WON CABLE CO LTD
134-7 OCHU-RI
GODEOK-MYON
YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that
representative samples of OPTICAL FIBER CABLE
Type OFN and OFNR

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1651, Optical Fiber Cable
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's
Listing and Follow-Up Service.
The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the
word "LISTED", a control number (may be alphanumeric) assigned by UL; and the product category
name (product identifier) as indicated in the appropriate UL Directory.
Look for the UL Listing Mark on the product.

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William R. Carney, Director, North American Certification Programs
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Page 1 of 1

UL 인증서 (CERTIFICATE)

CERTIFICATE OF COMPLIANCE

Certificate Number 20131017-E240172
Report Reference E240172-20040518
Issue Date 2013-OCTOBER-17

Issued to: DAE WON CABLE CO LTD
134-7 OCHU-RI
GODEOK-MYON
YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that
representative samples of SERVICE-ENTRANCE CABLE
Type USE-2

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 854, Standard for Service-Entrance Cable
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's
Listing and Follow-Up Service.
The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the
word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category
name (product identifier) as indicated in the appropriate UL Directory.
Look for the UL Listing Mark on the product.

William R. Carney
William R. Carney, Director, North American Certification Programs
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Page 1 of 1

CERTIFICATE OF COMPLIANCE

Certificate Number 20131017-E216365
Report Reference E216365-20100806
Issue Date 2013-OCTOBER-17

Issued to: DAE WON CABLE CO LTD
134-7 OCHU-RI
GODEOK-MYON
YESAN-GUN CHUNGNAM-DO 340-934 KOREA

This is to certify that
representative samples of COMMUNICATIONS CABLE
Type CMR rated 60 or 75°C

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 444, Communications Cables
CSA C22.2 No. 214-08, Communications Cables
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Listing Mark for the US and Canada should be considered as
being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US
and Canada.
The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and
"US" identifiers; the word "LISTED"; a control number (may be alphanumeric) assigned by UL;
and the product category name (product identifier) as indicated in the appropriate UL Directory.
Look for the UL Listing Mark on the product.

William R. Carney
William R. Carney, Director, North American Certification Programs
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Page 1 of 1

CERTIFICATE OF COMPLIANCE

Certificate Number 20130418-E352903
Report Reference E352903-20120601
Issue Date 2013-April-18

Issued to: DAE WON CABLE CO LTD.
134-7 OCHU-RI, GODEOK-MYON,
YESAN-GUN CHUNGNAM-DO 340-934 KOREA.

This is to certify that
representative samples of LOCAL AREA NETWORK CABLE VERIFIED FOR
TRANSMISSION PERFORMANCE IN ACCORDANCE
WITH NATIONAL OR INTERNATIONAL
SPECIFICATIONS.
Communications Cable, Type CMR Cable also Verified to
Category 6 and NEMA WC 66 Category 6.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL444- Data Transmission Cable Verified in Accordance
with National and International Specifications.
Additional Information: See the UL Online Certifications Directory at
www.ul.com/database for additional information

Only those products bearing the UL Listing Mark should be considered as being covered by UL's
Listing and Follow-Up Service.
The UL Listing Mark generally includes the following elements: the symbol UL in a circle, with the
word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category
name (product identifier) as indicated in the appropriate UL Directory.
Look for the UL Listing Mark on the product.

William R. Carney
William R. Carney, Director, North American Certification Programs
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Page 1 of 1

UL 인증서 (CERTIFICATE)



ONLINE CERTIFICATIONS DIRECTORY

AVLV2.E331577 Appliance Wiring Material - Component

[Page Bottom](#)

Appliance Wiring Material - Component

[See General Information for Appliance Wiring Material - Component](#)

DAE WON CABLE CO LTD

E331577

134-7 Ochu-Ri

Godeok-Myon

Yesan-Gun, Chungnam-Do 340-934 REPUBLIC OF KOREA

Table of Recognized Styles							
Single-conductor, thermoplastic insulation.							
1007	1061	1283	1533	1571			
1015	1185	1284	1569	1589			
Multiple-conductor, thermoplastic insulation.							
2095	2463	2468	2569	2789	2919	2970	20276
2405	2464	2547	2725	2835	2969	2990	
Single-conductor, thermoset insulation.							
3321	3343	3398					

Marking: Company name, voltage rating, temperature rating, conductor size, conductor material if other than copper, and use.

[Last Updated](#) on 2014-09-18

HNIR.E464946 Power-limited Fire Alarm Cable

[Page Bottom](#)

Power-limited Fire Alarm Cable

[See General Information for Power-limited Fire Alarm Cable](#)

DAE WON CABLE CO LTD

E464946

134-7 Ochu-Ri

Godeok-Myon

Yesan-Gun, Chungnam-Do 340-934 REPUBLIC OF KOREA

Type(s) FPL, FPLR, Power Limited Fire Alarm Cable

[Last Updated](#) on 2014-05-30

Appliance Wiring Material Certified for Canada - Component

[See General Information for Appliance Wiring Material Certified for Canada - Component](#)

DAE WON CABLE CO LTD


E331577

134-7 Ochu-Ri

Godeok-Myon

Yesan-Gun, Chungnam-Do 340-934 REPUBLIC OF KOREA

Appliance wiring material, AWM Class I, II, or I/II Group A, B, or A/B.

Marking: Company name and the Recognized Component Mark for Canada,  on the attached tag, the reel or the smallest unit container in which the product is packaged.

[Last Updated](#) on 2014-09-18

부록

AWG ⇔ mm Cinverson Table of Wire Gauges

Gauge				Diameter		Cross-sectional Area			Copper Wire Weight (kg/km)
B.W.G.	A.W.G.	S.W.G.	mm.G.	(mil)	(mm)	(CM)	(sq.in)	(mm²)	
...	...	12	...	104.0	2.642	10,816	.008495	5.481	48.73
...	...	...	2.6	102.4	2.600	10,486	.008246	5.309	47.29
...	10	...	...	101.9	2.588	10,384	.008156	5.262	46.78
13	...	...	...	95.00	2.413	9,025	.007088	4.573	40.65
...	...	13	...	92.00	2.337	8,464	.006648	4.289	38.13
...	11	...	...	90.74	2.305	8,234	.006467	4.172	37.09
...	...	...	2.3	90.55	2.300	8,199	.006439	4.155	36.94
14	...	...	...	83.00	2.108	6,889	.005411	3.491	31.04
...	12	...	...	80.81	2.053	6,530	.005129	3.309	29.42
...	...	14	...	80.00	2.032	6,400	.005027	3.243	28.83
...	...	...	2.0	78.74	2.000	6,200	.004869	3.142	27.93
15	...	15	...	72.00	1.829	5,184	.004072	2.627	23.35
...	13	...	...	71.96	1.828	5,178	.004067	2.625	23.33
...	...	...	1.8	70.87	1.800	5,023	.003945	2.545	22.63
16	...	...	...	65.00	1.651	4,225	.003318	2.141	19.03
...	14	...	...	64.08	1.628	4,106	.003225	2.081	18.50
...	...	16	...	64.00	1.626	4,096	.003217	2.075	18.45
...	...	...	1.6	62.99	1.600	3,968	.003116	2.011	17.88
17	...	...	...	58.00	1.473	3,364	.002642	1.705	15.16
...	15	...	...	57.07	1.450	3,257	.002558	1.650	14.67
...	...	17	...	56.00	1.422	3,136	.002463	1.589	14.13
...	...	...	14	55.12	1.400	3,038	.002386	1.539	13.68
...	16	...	...	50.82	1.291	2,583	.002029	1.309	11.64
18	...	...	...	49.00	1.245	2,401	.001886	1.217	10.82
...	...	18	...	48.00	1.219	2,304	.001810	1.167	10.38
...	...	...	1.2	47.24	1.200	2,232	.001753	1.131	10.06
...	17	...	...	45.26	1.150	2,048	.001608	1.037	9.219
19	...	...	...	42.00	1.067	1,764	.001385	0.8938	7.946
...	18	...	...	40.30	1.024	1,624	.001275	0.8226	7.313
...	...	19	...	40.00	1.016	1,600	.001257	0.8107	7.207
...	...	...	1.0	39.37	1.000	1,550	.001217	0.7854	6.982
...	...	20	...	36.00	0.9144	1,296	.001018	0.6567	5.836
...	19	...	...	35.89	0.9116	1,288	.001012	0.6529	5.804
...	...	...	0.90	35.43	0.9000	1,255	.0009857	0.6362	5.656
20	...	...	...	35.00	0.8890	1,225	.0009621	0.6207	5.518
21	...	21	...	32.00	0.8128	1,024	.0008042	0.5189	4.613
...	20	...	...	31.96	0.8118	1,021	.0008019	0.5174	4.600
...	...	...	0.80	31.50	0.8000	992.3	.0007794	0.5027	4.469
...	21	...	...	28.46	0.7229	810.0	.0006362	0.4105	3.649
22	...	22	...	28.00	0.7112	784.0	.0006158	0.3973	3.532
...	...	...	0.70	27.56	0.7000	759.6	.0005966	0.3848	3.421
...	...	...	0.65	25.59	0.6500	654.8	.0005143	0.3318	2.950
...	22	...	...	25.35	0.6438	642.6	.0005047	0.3256	2.895
23	...	...	...	25.00	0.6350	625.0	.0004909	0.3167	2.816
...	...	23	...	24.00	0.6096	576.0	.0004524	0.2919	2.595
...	...	...	0.60	23.62	0.6000	557.9	.0004382	0.2827	2.513
...	23	...	...	22.57	0.5733	509.4	.0004001	0.2581	2.295
24	...	24	...	22.00	0.5588	484.0	.0003801	0.2452	2.180
...	...	...	0.55	21.65	0.5500	468.7	.0003681	0.2376	2.112
...	24	...	...	20.10	0.5106	404.0	.0003173	0.2047	1.820
25	...	25	...	20.00	0.5080	400.0	.0003142	0.2027	1.802
...	...	...	0.50	19.69	0.5000	387.7	.0003045	0.1963	1.745
26	...	26	...	18.00	0.4572	324.0	.0002545	0.1642	1.460
...	25	...	...	17.90	0.4547	320.4	.0002516	0.1623	1.443
...	...	...	0.45	17.72	0.4500	314.0	.0002466	0.1590	1.414
...	...	27	...	16.40	0.4166	269.0	.0002113	0.1363	1.212
27	...	...	...	16.00	0.4064	256.0	.0002011	0.1297	1.153
...	26	...	...	15.94	0.4049	254.1	.0001996	0.1288	1.145
...	...	...	0.40	15.75	0.4000	248.1	.0001949	0.1257	1.118
...	...	28	...	14.80	0.3759	219.0	.0001720	0.1110	0.9868
...	27	...	...	14.20	0.3606	201.6	.0001583	0.1021	0.9077
28	...	...	...	14.00	0.3556	196.0	.0001539	0.09932	0.8830
...	...	...	0.35	13.78	0.3500	189.9	.0001491	0.09621	0.8553
...	...	29	...	13.06	0.3454	185.0	.0001453	0.09372	0.8332
29	...	...	...	13.00	0.3302	169.0	.0001327	0.08563	0.7613
...	28	...	...	12.64	0.3211	159.8	.0001255	0.08097	0.7198
...	...	...	0.32	12.60	0.3200	158.8	.0001247	0.08042	0.7149
...	...	30	...	12.40	0.3150	153.8	.0001208	0.07791	0.6926
30	...	...	...	12.00	0.3048	144.0	.0001131	0.07297	0.6487
...	...	31	...	11.60	0.2946	134.6	.0001057	0.06818	0.6061

MEMO