

600V Grounding Cable

Single Flexible Copper Conductor Special Transparent Jacket Utility Grade

SPECIFICATIONS & STANDARDS

IEC 31138



CONSTRUCTION:

Conductors: Flexible stranded bare copper ASTM B-172 class K
Jacket: Special transparent PVC compound type ST11 according to IEC 61138 table 7

FEATURES	APPLICATION
- Transparent jacket provides easy confirmation of continuity and ease of troubleshooting. Extremely flexible stranding for ease of bending and installation	- A transparent PVC jacketed flexible cable used for grounding jumpers installed temporarily for protective grounding of de-energized circuits

Part Number	Power Conductor Size	Power Conductor Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight	
	AWG	No. and Diameter of Stranding	inches	mm	inches	mm	lbs/1000 ft	kgs/km
GRD-CLR2/0-1	2/0 AWG	1323 / 0.010	0.110	2.79	0.710	18.03	530	790
GRD-CLR4/0-1	4/0 AWG	2107 / 0.010	0.110	2.79	0.850	21.59	799	1190

5kV / 15kV JUMPER CABLE

JC 5kV / 15kV Single Conductor Portable Power Cable Utility Grade

SPECIFICATIONS & STANDARDS

According to ICEA S-97-682, ICEA S-75-381/NEMA WC-58, ASTM B172, ASTM B 33, UL 1072



CONSTRUCTION:

Conductors: Flexible strand tin coated copper, ASTM B-172 and ICEA S-75-381
Separator: Synthetic semi-conducting tape separator between the conductor and insulation
Insulation: Ethylene-propylene rubber (EPR), UL 1072
Jacket: Red heavy duty CPE thermoset compound, ICEA S-75-381 sec 3.22

FEATURES	APPLICATION
- Excellent flexibility - Water resistant - Rated and flexible at -40°C to +90°C - Ozone sunlight oil, grease, weather, chemical resistant	- Suitable as a flexible power lead for temporary connections - Other industrial applications

Part Number	Power Conductor Size	Conductor Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Nominal O.D.		Approx. Weight		Ampacity (1) 40°C Ambient Temp.	Impedance (1)
	AWG / MCM		inches	inches	inches	mm	lbs/1000 ft	kgs/km	A	Ohm/1000 ft
JC2	2	259x0.0159	0.175	0.080	0.820	20.8	480	714	195	0.2122 + j0.025
JC1/0	1/0	414x0.0159	0.175	0.080	0.905	23.0	639	951	255	0.1332 + j0.022
JC2/0	2/0	522x0.0159	0.175	0.080	0.997	25.3	747	1112	293	0.1059 + j0.022
JC4/0	4/0	829x0.0159	0.175	0.080	1.140	29.0	1051	1564	389	0.0662 + j0.019
JC350	350	1361x0.0159	0.175	0.080	1.305	33.1	1584	2357	543	0.0405 + j0.016
JC500	500	1921x0.0159	0.175	0.080	1.410	35.8	2082	3099	678	0.0284 + j0.014

(1) Ampacity and Impedance – Free air measured; Based on continuous duty at 90°C conductor temperature

STANDARD PRINT LEGEND:

TF CABLE (SIZE) 5/15kV JUMPER CABLE

