

# JUMPER CABLE 5kV / 15kV

## 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
<ul style="list-style-type: none"> <li>- Excellent flexibility</li> <li>- Water resistant</li> <li>- Rated and flexible at -40°C to +90°C</li> <li>- Ozone sunlight oil, grease, weather, chemical resistant</li> </ul>	<ul style="list-style-type: none"> <li>- Suitable as a flexible power lead for temporary connections</li> <li>- Other industrial applications</li> </ul>

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)
					inches	mm	lbs/1000 ft	kgs/km		
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

