

REMOTE & DRILL CORD 600V



Remote & Drill Cord Cable -40°C +90°C MSHA Mining Grade



SPECIFICATIONS & STANDARDS

ICEA S-75-381/NEMA WC58, ICEA S-95-658/NEMA WC 70, ASTM B-3/B174

CONSTRUCTION:

- Conductors:** Stranded bare copper in accordance with ASTM B-3/B-174
- Separator:** Paper or polyester tape
- Insulation:** EPR 90°C thermoset compound, ICEA S-95-658
- Assembly:** Insulated conductors cabled together with rubber fillers as needed.
- Jacket:** Black heavy duty double layer reinforced Neoprene® ICEA S-75-381 table 3-3, 3-22 sec 3.21
- Color Code:** ICEA S-58-679, method 1 table 1; black, white, red, green, orange

FEATURES	APPLICATION
<ul style="list-style-type: none"> - Sunlight, water, solvents, ozone, weather and oil resistance - Heavy duty abrasion - Tear and crush resistance - Flame test: MSHA - Temperature range: -40°C to +90°C 	<ul style="list-style-type: none"> - Heavy duty applications and long service life in wet or dry locations in underground mines

APPROVALS: MSHA: 07-KA050015-MSHA

Part Number	Power Conductor Size	No. of Conductors	Power Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal O.D.		Approx. Weight	Ampacity (1) 40°C Ambient Temp.
	AWG		No. and Diameter of Stranding	inches	mm	inches	mm	inches	mm		lbs./1000 ft.
DC10-5	10	5	104 / 0.01	0.045	1.14	0.155	3.94	0.91	23.1	545	20.0

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

STANDARD PRINT LEGEND: TF CABLE FLEXTREME (SIZE) REMOTE CONTROL & DRILL CORD 600V 07-KA050015-MSHA

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"> - Excellent flexibility - Water resistant - Rated and flexible at -40°C to +90°C - Ozone sunlight oil, grease, weather, chemical resistant 	<ul style="list-style-type: none"> - 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
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