

## 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:

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

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

### 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 lbs./1000 ft.	Ampacity (1) 40°C Ambient Temp.
	AWG		No. and Diameter of Stranding	inches	mm	inches	mm	inches	mm		A
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