

## 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"> <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>

### COLOR CODE:

Number of core:	Color	Tracer	Number of core:	Color	Tracer	Number of core:	Color	Tracer
1	black	-	8	red	black	15	blue	white
2	white	-	9	green	black	16	black	red
3	red	-	10	orange	black	17	white	red
4	green	-	11	blue	black	18	orange	red
5	orange	-	12	black	white	19	blue	red
6	blue	-	13	red	white	20	red	green
7	white	black	14	green	white	21	orange	green

### 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.
				inches	mm	inches	mm	inches	mm		
DC14-3	14	3	41 / 0.01	0.045	1.14	0.110	2.79	0.67	17.0	261	15.0
DC14-4	14	4	41 / 0.01			0.145	3.68	0.72	18.3	284	12.0
DC14-5	14	5	41 / 0.01			0.155	3.94	0.79	20.1	344	12.0
DC12-5	12	5	65 / 0.01			0.155	3.94	0.84	21.3	445	16.0
DC12-6	12	6	65 / 0.01			0.155	3.94	0.90	22.9	475	16.0
DC10-5	10	5	104 / 0.01			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