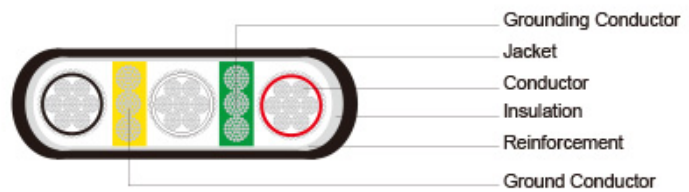


**Type SHD Three-Conductor Flat Portable Power Cable 2kV**



<b>Applications</b>	These flat parallel cables are designed for use on continuous miners requiring grounding conductors and metallic shielding over each conductor.
<b>Standards</b>	ICEA S-75-381/NEMA WC 58; ASTM B 172; ASTM B 33; CAN/CSA C22.2 No. 96
<b>Construction</b>	
<b>Conductors</b>	Stranded annealed tinned copper conductor.
<b>Insulation</b>	Ethylene Propylene Rubber (EPR).
<b>Insulation Shield</b>	Tinned copper/textile braid.
<b>Grounding Conductor</b>	Tinned copper conductor covered with a conducting extrusion layer.
<b>Jacket</b>	Reinforced extra-heavy-duty Chlorinated Polyethylene (CPE), black.
<b>Options</b>	Other jacket materials such as CSP/PCP/NBR/PVC are available upon request. Two-layer jacket with reinforcing fibre between the two layers can be offered as an option.
<b>Mechanical and Thermal Properties</b>	Minimum Bending Radius: 6xOD Maximum Operating Temperature: +90°C

**Dimensions and Weight:**

Construction	No. of Strands	Grounding Conductor or Size	Nominal Insulation Thickness		Nominal Insulation Thickness		Nominal Overall Diameter HeightxWidth		Nominal Weight		Ampacity
			inch	mm	inch	mm	inch	mm	lbs/ft	kg/m	
No. of coresxAWG/kcmil	-	AWG/kcmil	inch	mm	inch	mm	inch	mm	lbs/ft	kg/m	A
3x2	259	6	0.07	1.8	0.125	3.2	0.94x2.45	23.9x62.2	2243	3338	159
3x1	259	5	0.08	2.0	0.140	3.6	1.04x2.64	26.4x67.1	2540	3780	184

3x1/0	259	4	0.0 8	2.0	0.14 0	3.6	1.08x2.8 2	27.4x71. 6	2915	4338	211
3x2/0	329	3	0.0 8	2.0	0.15 5	3.9	1.18x2.9 9	30.0x76. 0	3346	4980	243
3x3/0	413	2	0.0 8	2.0	0.15 5	3.9	1.25x3.2 9	31.8x83. 6	3890	5789	279

Ampacity-Based on a conductor temperature of 90°C and an ambient air temperature of 40°C, per ICEA S-75-381.