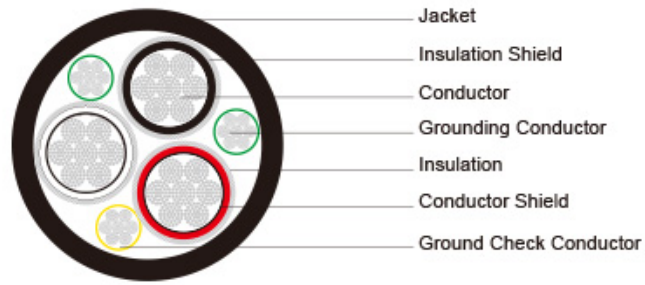


Type SHD-GC Three-Conductor Round Portable Power Cable, CPE Jacket 25kV



Applications	These heavy duty cables are designed for applications such as longwall shearers, continuous miners and mobile equipment such as shovels, dredges and drills.
Standards	ICEA S-75-381/NEMA WC 58; ASTM B 172; ASTM B 33; CAN/CSA C22.2 No. 96
Construction	
Conductors	Stranded annealed tinned copper conductor.
Conductor Shield	Conducting layer.
Insulation	Ethylene Propylene Rubber (EPR).
Insulation Shield	Conducting tape + Tinned copper/textile braid.
Ground Check Conductor	Tinned copper with a yellow polypropylene insulation.
Grounding Conductor	Tinned copper conductor.
Jacket	Reinforced extra-heavy-duty Chlorinated Polyethylene (CPE), black.
Options	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.
Mechanical and Thermal Properties	Minimum Bending Radius: 8xOD Maximum Operating Temperature: +90°C

Dimensions and Weight:

Construction	No. of Strands	Grounding Conductor or Size	Ground Check Conductor or Size	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Overall Diameter		Nominal Weight		Ampacity
				inch	mm	inch	mm	inch	mm	lbs/ft	kg/m	
No. of cores x AWG/kc mil	-	AWG/kc mil	AWG/kc mil	inch	mm	inch	mm	inch	mm	lbs/ft	kg/m	A

3x1	259	5	8	0.26 0	6.6	0.26 5	6.7	2.9 5	74. 9	5290	7872	191
3x1/0	259	4	8	0.26 0	6.6	0.26 5	6.7	3.0 5	77. 5	5800	8631	218
3x2/0	329	3	8	0.26 0	6.6	0.28 0	7.1	3.2 0	81. 3	6515	9695	249
3x3/0	413	2	8	0.26 0	6.6	0.28 0	7.1	3.3 3	84. 6	7215	1073 7	286
3x4/0	532	1	8	0.26 0	6.6	0.29 5	7.5	3.5 0	88. 9	8250	1227 7	327

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