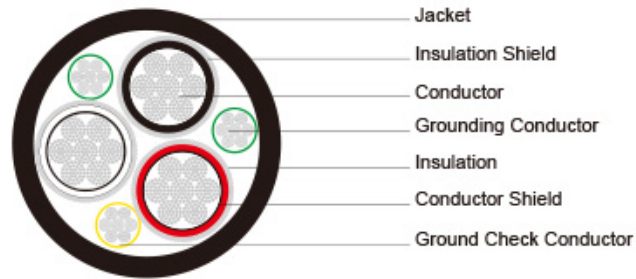


Type SHD-GC Three-Conductor Round Portable Power Cable, CPE Jacket 15kV



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	Semi-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

3x2	259	6	8	0.21 0	5.3	0.23 5	6.0	2.4 1	61. 2	3572	5529	164
3x1	259	5	8	0.21 0	5.3	0.23 5	6.0	2.5 2	64. 0	4060	6042	187
3x1/0	259	4	8	0.21 0	5.3	0.25 0	6.4	2.6 4	67. 0	4495	6927	215
3x2/0	329	3	8	0.21 0	5.3	0.25 0	6.4	2.7 3	69. 3	5010	7783	246
3x3/0	413	2	8	0.21 0	5.3	0.26 5	6.7	2.9 0	73. 7	5995	8922	283
3x4/0	532	1	8	0.21 0	5.3	0.26 5	6.7	3.0 5	77. 5	6860	1020 9	325

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