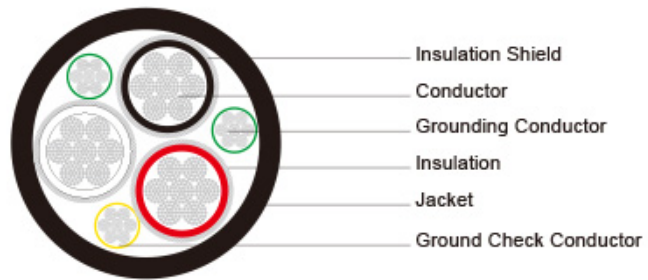


Type SHD-GC Three-Conductor Round Portable Power Cable, TPU Jacket 2kV



Applications	These heavy duty cables are designed for heavy mobile equipment such as drag lines, shovels, dredges, drills and for power feeders.
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.
Insulation	Ethylene Propylene Rubber (EPR).
Insulation Shield	Tinned copper/textile braid.
Ground Check Conductor	Tinned copper conductor with a yellow polypropylene insulation.
Grounding Conductor	Tinned copper conductor.
Jacket	Thermoplastic Polyurethane (TPU) Jacket, 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: 6xOD Maximum Operating Temperature: +90°C

Dimensions and Weight:

Construction	No. of Strands	Grounding Conductor Size	Ground Check Conductor 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
3x6	133	10	10	0.07	1.8	0.155	3.9	1.29	32.8	1069	1590	93

3x4	259	8	10	0.07	1.8	0.15 5	3.9	1.4 0	35. 6	1295	1927	122
3x2	259	6	10	0.07	1.8	0.17 0	4.3	1.5 9	40. 4	1778	2645	159
3x1	259	5	8	0.08	2.0	0.19 0	4.8	1.7 6	44. 7	2163	3218	184
3x1/0	266	4	8	0.08	2.0	0.19 0	4.8	1.8 6	47. 2	2508	3731	211
3x2/0	323	3	8	0.08	2.0	0.20 5	5.2	2.0 0	50. 8	3001	4465	243
3x3/0	418	2	8	0.08	2.0	0.20 5	5.2	2.1 3	54. 1	3470	5163	279
3x4/0	532	1	8	0.08	2.0	0.22 0	5.6	2.3 1	58. 7	4192	6237	321
3x250	627	1/0	6	0.09 5	2.4	0.22 0	5.6	2.5 1	63. 8	5213	7756	355
3x350	888	2/0	6	0.09 5	2.4	0.23 5	6.0	2.8 1	71. 4	6824	1015 3	435
3x500	1221	4/0	6	0.09 5	2.4	0.26 5	6.7	3.1 9	81. 0	9014	1341 1	536

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