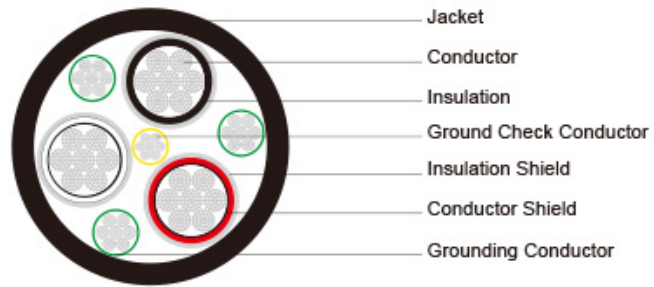


**Type SHD-GC Three-Conductor Round Portable Power Cable, TPU Jacket 5kV**



<b>Applications</b>	These heavy duty cables are designed for heavy mobile equipment such as drag lines, shovels, dredges, drills and for power feeders.
<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>Conductor Shield</b>	Conducting layer.
<b>Insulation</b>	Ethylene Propylene Rubber (EPR).
<b>Insulation Shield</b>	Tinned copper/textile braid.
<b>Ground Check Conductor</b>	Tinned copper with a yellow polypropylene insulation.
<b>Grounding Conductor</b>	Tinned copper conductor.
<b>Jacket</b>	Thermoplastic Polyurethane (TPU) Jacket, 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: 6×OD 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×AWG/kc mil	-	AWG/kc mil	AWG/kc mil	inch	mm	inch	mm	inch	mm	lbs/ft	kg/m	A

3x6	133	10	8	0.11 0	2.8	0.18 5	4.7	1.5 6	39. 6	1342	1997	93
3x4	259	8	8	0.11 0	2.8	0.18 5	4.7	1.6 8	42. 7	1629	2424	122
3x2	259	6	8	0.11 0	2.8	0.20 5	5.2	1.8 7	47. 5	2228	3315	159
3x1	259	5	8	0.11 0	2.8	0.20 5	5.2	1.9 5	49. 5	2447	3641	184
3x1/0	266	4	8	0.11 0	2.8	0.22 0	5.6	2.0 8	52. 8	2760	4106	211
3x2/0	323	3	8	0.11 0	2.8	0.22 0	5.6	2.2 0	55. 9	3238	4818	243
3x3/0	418	2	8	0.11 0	2.8	0.23 5	6.0	2.3 6	59. 9	3792	5642	279
3x4/0	532	1	8	0.11 0	2.8	0.23 5	6.0	2.5 0	63. 5	4548	6767	321
3x250	627	1/0	6	0.12 0	3.0	0.25 0	6.4	2.6 9	68. 3	5427	8074	355
3x350	888	2/0	6	0.12 0	3.0	0.26 5	6.7	2.9 5	74. 9	7070	1051 9	435
3x500	1221	4/0	6	0.12 0	3.0	0.28 0	7.1	3.3 1	84. 1	9407	1399 6	536

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