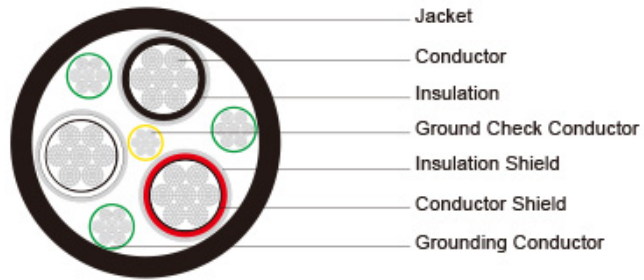


**Type SHD-GC Three-Conductor Round Portable Power Cable, TPU Jacket 8kV**



<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>	Semi-conducting layer.
<b>Insulation</b>	Ethylene Propylene Rubber (EPR).
<b>Insulation Shield</b>	Conducting tape + 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	m	inch	m	inch	m	lbs/kft	kg/km	
No. of cores×AWG/kc mil	-	AWG/kc mil	AWG/kc mil	inch	m	inch	m	inch	m	lbs/kft	kg/km	A

3x4	259	8	8	0.15 0	3.8	0.20 5	5.2	1.9 4	49. 3	2019	3004	122
3x2	259	6	8	0.15 0	3.8	0.22 0	5.6	2.1 2	53. 8	2603	3873	159
3x1	259	5	8	0.15 0	3.8	0.22 0	5.6	2.2 1	56. 1	2913	4334	184
3x1/0	266	4	8	0.15 0	3.8	0.22 0	5.6	2.3 2	58. 9	3351	4986	211
3x2/0	323	3	8	0.15 0	3.8	0.23 5	6.0	2.4 6	62. 5	3946	5871	243
3x3/0	418	2	8	0.15 0	3.8	0.25 0	6.4	2.6 2	66. 5	4582	6817	279
3x4/0	532	1	8	0.15 0	3.8	0.25 0	6.4	2.7 5	69. 8	5321	7917	321
3x250	627	1/0	6	0.15 0	3.8	0.25 0	6.4	2.8 9	73. 4	6101	9077	355
3x350	888	2/0	6	0.15 0	3.8	0.28 0	7.1	3.2 1	81. 3	7696	1145 0	435
3x500	1221	4/0	6	0.15 0	3.8	0.29 5	7.5	3.5 6	90. 4	1019 9	1517 4	536

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