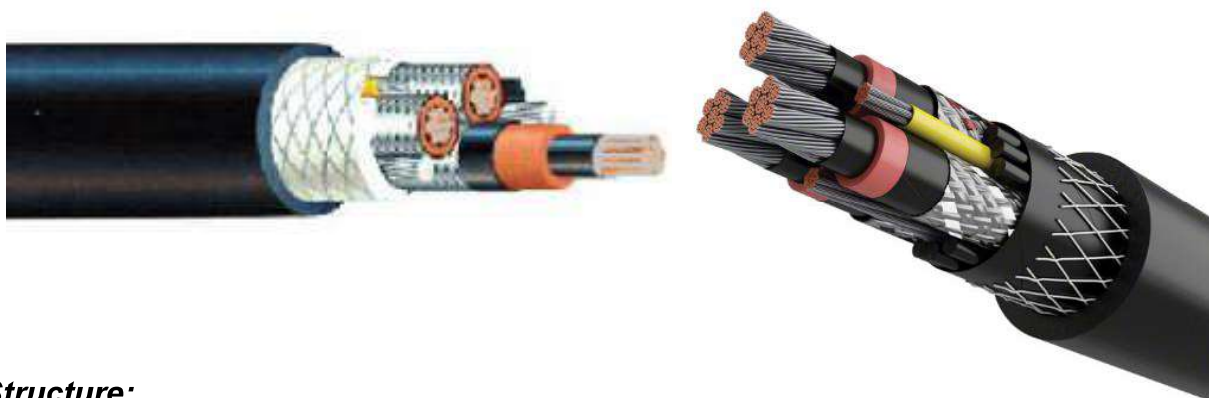




15. Types SHD-GC, SHD, SH.



Structure:

1. Conductor: Plain or Tin coated, soft drawn, annealed, flexible, rope-lay stranded copper per ASTM B-33/B-172.
2. Conductor shield: extruded semi-conductive layer.
3. Insulation: Black Ethylene Propylene Rubber (EPR)
4. Insulation shield: Extruded semi-conductive layer.
5. Wrapping tape
6. Braid shield: Tin coated, soft drawn, annealed, copper braid shield (60% min. phase coverage), duplexes with nylon textile buffer colour code tracer (40% max. phase coverage).
7. Grounding Conductors: Two coated copper, rope-lay-stranded per ASTM B172
8. Ground-Check-Conductor: Annealed tinned copper, rope-lay-stranded per ASTM B172, insulated.
9. Binder tape
10. Reinforcement.
11. Extra heavy-duty, CPE.
12. Voltage: 2KV, 5KV, 8KV, 15KV, 25KV

Power Conductor		Grounding		Ground check		outside diameter		ampacity
Size	INS. inch	Size	Min. Strandes	Size	INS. inch	Inch	mm	A
5KV								
4	0.090	8	7	8	0.045	1.32	33.5	122
2	0.090	6	7	8	0.045	1.45	36.8	159
1	0.090	5	19	8	0.045	1.53	38.9	184
1/0	0.090	4	19	8	0.045	1.63	41.4	211
2/0	0.090	3	19	8	0.045	1.74	44.2	243
3/0	0.090	2	19	8	0.045	1.88	47.8	279
4/0	0.090	1	19	8	0.045	2.0	50.8	321
250	0.090	1/0	37	8	0.045	2.13	54.1	355
350	0.090	2/0	37	8	0.045	2.35	59.7	435
500	0.090	4/0	37	8	0.045	2.64	67.1	536

*Ampacity – Based on continuous duty at 90° C conductor temperature, 40°C ambient temperature.

Please contact us at sales@pulinglobal.com if the cable/wire you are looking for is not included in the list