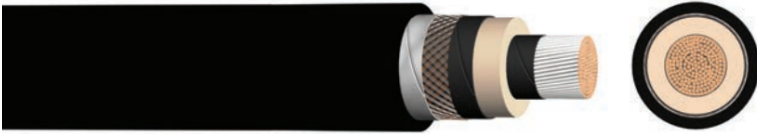


TYPE SH 5kV MEDIUM VOLTAGE POWER CABLE

APPLICATIONS

Single Conductor Type SH 5000V Medium Voltage Portable Power Cable is designed for use on mobile substation equipment and other industrial applications



CONSTRUCTION

Conductors – Annealed flexible stranded tin coated copper Class I in accordance with ASTM B-172 and ICEA S-75-381

Conductor shielding – Semi-conducting tape + layer over the conductor

Insulation – Ethylene-propylene rubber (EPR)

Insulation shield – Semi-conducting tape + Composite tinned copper/nylon braid. Covering minimum 60% Cable consist of EPR insulated central conductor with helically applied copper drain wire shield conductors over the insulation semi-conductive tape shield. Reinforcing tape over insulation shield

Jacket – Black heavy-duty thermosetting poly-chloroprene jacket

FEATURES

- Excellent flexibility
- Highly resistant to ozone, sun, weather and flame
- Rated and flexible at -40°C
- Excellent impact and abrasion resistant
- Oil and heat resistant

SPECIFICATIONS & STANDARDS

According to ICEA S-75-381/NEMA WC-58, ASTM B172, ASTM B 33

TYPE SH 5KV MEDIUM VOLTAGE POWER CABLE

Part Number	Power Conductor Size	Conductor Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Approx. O.D.	Approx. Weight		Ampacity 40°C Ambient Temp.
	AWG/MCM		in.	in.		lbs./1000 ft.	kgs/km	A
#2SH-05KV	2AWG-1	259x0.0157	0.110	0.125	0.902	575	856	195
#1SH-05KV	1AWG-1	259x0.0177	0.110	0.125	0.953	659	981	225
1/0SH-05KV	1/0AWG-1	266x0.0197	0.110	0.140	1.028	786	1170	260
2/0SH-05KV	2/0AWG-1	342x0.0193	0.110	0.140	1.055	890	1324	299
3/0SH-05KV	3/0AWG-1	418x0.0197	0.110	0.155	1.154	1075	1600	345
4/0SH-05KV	4/0AWG-1	532x0.0197	0.110	0.155	1.201	1240	1846	400
250SH-05KV	250MCM-1	627x0.0197	0.120	0.155	1.303	1435	2136	444
300SH-05KV	300MCM-1	740x0.0197	0.120	0.170	1.398	1655	2462	496
350SH-05KV	350MCM-1	888x0.0193	0.120	0.170	1.441	1858	2765	549
500SH-05KV	500MCM-1	1221x0.0197	0.120	0.190	1.630	2471	3677	688