

# TYPE SH 15kV MEDIUM VOLTAGE POWER CABLE

## APPLICATIONS

Single Conductor Type SH 15000V 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

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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.		in.	lbs./1000 ft.	kgs/km
#2SH-15KV	2AWG-1	259x0.0157	0.210	0.155	1.165	847	1261	195
#1SH-15KV	1AWG-1	259x0.0177	0.210	0.155	1.216	944	1405	225
1/0SH-15KV	1/0AWG-1	266x0.0197	0.210	0.155	1.260	1052	1566	259
2/0SH-15KV	2/0AWG-1	342x0.0193	0.210	0.155	1.307	1183	1761	298
3/0SH-15KV	3/0AWG-1	418x0.0197	0.210	0.170	1.398	1382	2057	343
4/0SH-15KV	4/0AWG-1	532x0.0197	0.210	0.170	1.453	1570	2337	397
250SH-15KV	250MCM-1	627x0.0197	0.210	0.170	1.543	1771	2636	440
300SH-15KV	300MCM-1	740x0.0197	0.210	0.170	1.606	1926	2920	491
350SH-15KV	350MCM-1	888x0.0193	0.210	0.190	1.658	2192	3261	543
500SH-15KV	500MCM-1	1221x0.0197	0.210	0.190	1.807	2701	4123	678