

TYPE SH 15000V

Single Conductor Medium Voltage Portable Power Cable



SPECIFICATIONS & STANDARDS

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

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:** Heavy duty thermosetting poly-chloroprene jacket
- Colour of jacket:** Black
- Minimum bending radius:** Eight x overall diameter of the cable

Standard length cable packing: 1000 ft on drums. Other forms of packing and delivery are available on request.

FEATURES	APPLICATION
<ul style="list-style-type: none"> - Excellent flexibility - Highly ozone, sun, weather and flame resistant - Rated and flexible at -40°C - Excellent impact and abrasion resistant - Oil and heat resistant 	<ul style="list-style-type: none"> - These cables are designed for use on mobile substation equipment - Other industrial application

Part Number	Power Conductor Size	Conductor Stranding	Nominal Insulation Thickness	Nominal Jacket Thickness	Approx. Overall Diameter	Approx. Weight		Ampacity (1) 40°C Ambient Temp.
	AWG / MCM		inches	inches	inches	lbs/1000 ft	kgs/km	A
SH15KV-2	2AWG-1	259x0.0157	0.210	0.155	1.165	847	1261	195
SH15KV-1	1AWG-1	259x0.0177		0.155	1.216	944	1405	225
SH15KV-1/0	1/0AWG-1	266x0.0197		0.155	1.260	1052	1566	259
SH15KV-2/0	2/0AWG-1	342x0.0193		0.155	1.307	1183	1761	298
SH15VK-3/0	3/0AWG-1	418x0.0197		0.170	1.398	1382	2057	343
SH15KV-4/0	4/0AWG-1	532x0.0197		0.170	1.453	1570	2337	397
SH15KV-250	250MCM-1	627x0.0197		0.170	1.543	1771	2636	440
SH15KV-300	300MCM-1	740x0.0197		0.170	1.606	1926	2920	491
SH15KV-350	350MCM-1	888x0.0193		0.190	1.658	2192	3261	543
SH15KV-500	500MCM-1	1221x0.0197		0.190	1.807	2701	4123	678

STANDARD PRINT LEGEND:

TF CABLE (15000V) (SIZE) TYPE SH OIL RESISTANT -40°C +90°C

