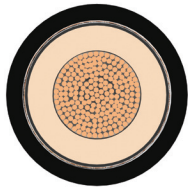


# TYPE SH 5000V

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

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
SH5KV-2	2AWG-1	259x0.0157	0.110	0.125	0.902	575	856	195
SH5KV-1	1AWG-1	259x0.0177	0.110	0.125	0.953	659	981	225
SH5KV-1/0	1/0AWG-1	266x0.0197	0.110	0.140	1.028	786	1170	260
SH5KV-2/0	2/0AWG-1	342x0.0193	0.110	0.140	1.055	890	1324	299
SH5KV-3/0	3/0AWG-1	418x0.0197	0.110	0.155	1.154	1075	1600	345
SH5KV-4/0	4/0AWG-1	532x0.0197	0.110	0.155	1.201	1240	1846	400
SH5KV-250	250MCM-1	627x0.0197	0.120	0.155	1.303	1435	2136	444
SH5KV-300	300MCM-1	740x0.0197	0.120	0.170	1.398	1655	2462	496
SH5KV-350	350MCM-1	888x0.0193	0.120	0.170	1.441	1858	2765	549
SH5KV-500	500MCM-1	1221x0.0197	0.120	0.190	1.630	2471	3677	688

### STANDARD PRINT LEGEND:

TF CABLE (5000V) (SIZE) TYPE SH OIL RESISTANT -40°C +90°C

