

# 600V SC-STAGE LIGHTING CABLE

## Portable Power Cable 105°C UL C(UL) Industrial Grade



### SPECIFICATIONS & STANDARDS

UL 62 / UL1581, CSA-C 22.2 No 96

### CONSTRUCTION:

- Conductors:** Flexible strand bare copper, ASTM B 172 class K  
**Separator:** Paper tape over conductor  
**Jacket:** Black heavy duty EPR / CPE two layers bonded thermoset jacket, oil resistant and flame retardant

FEATURES	APPLICATION
<ul style="list-style-type: none"> <li>- For use in accordance with NEC Articles 520, 525 and 530, indoor and outdoor locations</li> <li>- Flame test: meets VW-1, MSHA</li> <li>- Excellent flexibility, resistance to oil, solvents, ozone, aging and abrasion</li> <li>- Suitable for continuous submersion in water</li> <li>- Temperature range: -35°C to +105°C</li> </ul>	<ul style="list-style-type: none"> <li>- Portable power and lighting applications in the entertainment industry including motion picture, television, theatres, stages and similar locations</li> </ul>

### APPROVALS:

- UL:** E228208 (UL); -35°C; Oil resistant 60°C; Water Resistant  
**C(UL):** E207132 FT5; 105°C; 600V; Oil Resistant

Part Number	Power Conductor Size	Power Conductor Stranding	Nominal Jacket Thickness		Nominal O.D.		Approx. Weight		Ampacity(1)
	AWG	No. of Stranding	inches	mm	inches	mm	lbs/1000 ft	kgs/km	A
STAGE6	6 AWG	258 / 30	0.095	2.41	0.371	9.4	131	195	105
STAGE4	4 AWG	410 / 30	0.095	2.41	0.430	10.9	189	282	140
STAGE2	2 AWG	649 / 30	0.106	2.69	0.509	12.9	285	424	190
STAGE1	1 AWG	815 / 30	0.136	3.45	0.611	15.5	379	564	220
STAGE1/0	1/0 AWG	1032 / 30	0.136	3.45	0.672	17.1	463	689	260
STAGE2/0	2/0 AWG	1287 / 30	0.136	3.45	0.697	17.7	549	816	300
STAGE3/0	3/0 AWG	1622 / 30	0.136	3.45	0.777	19.7	674	1003	350
STAGE4/0	4/0 AWG	2052 / 30	0.136	3.45	0.803	20.4	814	1212	405
STAGE6-GRN	6 AWG	258 / 30	0.095	2.41	0.371	9.4	131	195	105

(1) Ampacities are based on single conductor in free air, 30°C ambient air temperature 90°C conductor operating temperature per Table 400-5 (B) of the 2008 NEC

### STANDARD PRINT LEGEND:

TF CABLE (UL) E228208 (SIZE) TYPE SC 105C -35C MAX AMPS NEC TABLE 400-5B  
 FOR 90C 600V WATER RES. OIL RES. 60C E207132 C(UL) TYPE PPC FT5