

# TYPE SC/PPC Flex

## Stage & Lighting 600V 105°C

CAN/CSA-C 22.2 No 96-09, UL 1680, UL 62, UL 1581

Flexible rubber insulated single core cables

### APPLICATIONS

Portable power and lighting applications in the entertainment industry including motion picture, television, theatres, stages and similar locations. For use in accordance with NEC Articles 520, 525 and 530, indoor and outdoor locations. Other industrial applications



### CONSTRUCTION

Conductors	Flexible stranding 30 AWG annealed bare copper
Separator	Paper tape separator between the conductor and insulation
Outer jacket	Heavy duty CPE thermosetting jacket
Colour of outer jacket	Black

### Features

Excellent flexibility. Suitable for continuous submersion in water. Temperature range -50°C to +105°C for black jacketed version and -35°C to +105°C for green jacketed version. Flame test meets VW-1. UV, sunlight, ozone, oil, resistant.

Part Number	Conductor Size	Conductor stranding	Nominal jacket thickness	Overall diameter			Weight	Ampacity <sup>1</sup>
				minimum	approx.	maximum		
	AWG	N/AWG	Inches	Inches	Inches	Inches	LBS/1000ft	A
STAGE6	6	258/30	0.060	0.356	0.371	0.383	128	105
STAGE4	4	412/30	0.060	0.413	0.429	0.441	186	140
STAGE2	2	649/30	0.071	0.494	0.509	0.521	279	190
STAGE1	1	817/30	0.080	0.598	0.613	0.625	378	220
STAGE1/0	1/0	1033/30	0.080	0.657	0.672	0.684	452	260
STAGE2/0	2/0	1289/30	0.080	0.681	0.697	0.709	537	300
STAGE3/0	3/0	1650/30	0.080	0.757	0.773	0.785	666	350
STAGE4/0	4/0	2062/30	0.080	0.798	0.814	0.826	807	405
STAGE6-GRN *)	6	258/30	0.060	0.356	0.371	0.418	128	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 1999 NEC.

\*) STAGE6-GRN - Heavy duty EP/CPE two layers version.

#### Standard print legend:

Indent printed: TF CABLE -50C (UL) E228208 (SIZE) TYPE SC 105C  
 MAX AMPS NEC TABLE 400.5(A)(2) FOR 90C 600V WATER & OIL  
 RES. 60C E207132 C (UL) PPC FT5  
 Ink jet printed: ft + date and time of production

#### Standard print legend for 6AWG green:

Indent printed: TF CABLE (UL) E228208 (SIZE) TYPE SC 105C -35C  
 MAX AMPS NEC TABLE 400.5(A)(2) FOR 90C 600V WATER RES. OIL  
 RES. 60C E207132 C (UL) TYPE PPC FT5  
 Ink jet printed: ft + date and time of production