

ENTERTAINMENT CABLE SC 105°C 600V

Single conductor SC Stage and lighting cable

SPECIFICATIONS & STANDARDS

UL 62 / UL1581

According to CANICSA-C 22.2 No 96

CONSTRUCTION:

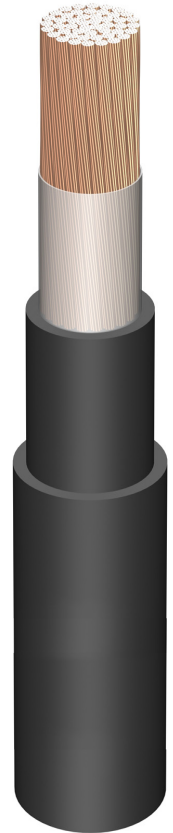
Conductors:	Annealed flexible stranded bare copper
Separator:	Polyester tape
Jacket:	Special heavy duty EP/CP two layers bonded thermoset jacket, oil resistant and flame retardant
Color of jacket:	Black; Other colors available

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

Standard length cable packing: 1000 ft reels; Other forms of packaging available

APPROVALS:

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



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Part Number	Power Conductor Size	Power Conductor Stranding	Nominal Jacket Thickness		Nominal O.D.		Approx. Weight		Ampacity(1)
	AWG	No. of Wires	inches	mm	inches	mm	lbs/1000 ft	kgs/km	A
Stage 8	8 AWG	163 / 30	0.095	2.41	0.360	9.1	100	148	80
Stage 6	6 AWG	258 / 30	0.095	2.41	0.371	9.4	131	195	105
Stage 4	4 AWG	410 / 30	0.095	2.41	0.430	10.9	189	282	140
Stage 2	2 AWG	649 / 30	0.106	2.69	0.509	12.9	285	424	190
Stage 1	1 AWG	815 / 30	0.136	3.45	0.611	15.5	379	564	220
Stage 1/0	1/0 AWG	1032 / 30	0.136	3.45	0.672	17.1	463	689	260
Stage 2/0	2/0 AWG	1287 / 30	0.136	3.45	0.697	17.7	549	816	300
Stage 3/0	3/0 AWG	1622 / 30	0.136	3.45	0.777	19.7	674	1003	350
Stage 4/0	4/0 AWG	2052 / 30	0.136	3.45	0.803	20.4	814	1212	405

(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 1999 NEC

STANDARD PRINT LEGEND:

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

