

Portable Cord -50°C + 105°C UL CSA Extra Hard Usage - High Grade Mechanical Service



SPECIFICATIONS & STANDARDS

UL 62/CSA-C 22.2 No 49

CONSTRUCTION:

Conductors:	Stranded annealed bare copper, ASTM B-174 and UL 62
Insulation:	EPR 105°C compound class 19, table 8, UL 62
Assembly:	Insulated conductors cabled together
Separator:	Paper tape or talc for 18-10 AWG
Jacket:	Yellow CPE 105°C compound class 1.12, table 11, UL 62
Color code:	ICEA S-58-679, Method 1, table 1; 3/c - black, white, green; 4/c - black, white, red, green

FEATURES	APPLICATION
<ul style="list-style-type: none"> - Excellent flexibility in cold temperatures, resistance to oils, acids, chemicals, solvents, ozone, weather and water - Flame test meets VW-1, FT2, MSHA - Temperature range: -50°C to +105°C - For Indoor and outdoor use 	<ul style="list-style-type: none"> - Industrial and processing equipment, cranes and hoists, track systems, tools, construction equipment, motors and associated machinery, garage portable lights, battery charger and equipment exposed to oils, solvents, flame, moisture and other electrical equipment

APPROVALS:

UL:	E123366
CSA:	1534535 (LL 103932)

Part Number	Power Conductor Size	No. of Conductors	Power Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal O.D.		Approx. Weight	Ampacity (1) 30°C Ambient Temp.
	AWG		No. of Stranding	inches	mm	inches	mm	inches	mm	lbs/1000 ft	A
SOOW18-3-YW-105C SOOW18-4-YW-105C	18	3 4	16 / 30	0.030	0.76	0.060	1.52	0.36 0.39	9.1 9.8	74 87	10.0 7.0
SOOW16-3-YW-105C SOOW16-4-YW-105C	16	3 4	26 / 30	0.030	0.76	0.060	1.52	0.39 0.42	10.1 10.5	90 107	13.0 10.0
SOOW14-3-YW-105C SOOW14-4-YW-105C	14	3 4	41 / 30	0.045	1.14	0.080	2.03	0.52 0.57	13.3 14.4	161 192	18.0 15.0
SOOW12-3-YW-105C SOOW12-4-YW-105C	12	3 4	65 / 30	0.045	1.14	0.095	2.41	0.59 0.64	15.2 16.5	217 261	25.0 20.0
SOOW10-3-YW-105C SOOW10-4-YW-105C	10	3 4	103 / 30	0.045	1.14	0.095	2.41	0.65 0.70	16.5 17.8	281 336	30.0 25.0

(1) Ampacity – Free air measured; Based on continuous duty at 90°C conductor temperature

STANDARD PRINT LEGEND:

TF CABLE SUPER FLEXTREME (COND) (SIZE) (mm²) (UL) TYPE SOOW E123366 105C SUN & WATER RES 600V CSA SOOW 105C LL 103932 FT2 -50C