

PENDANT AND REELING CONTROL CABLE TYPE TC #18AWG— SMALL DIAMETER 90DEG C, 600VOLTS, UL 1277, SUNLIGHT RESISTANT

CONSTRUCTION:

CONDUCTOR 16 STRANDED SOFT DRAWN BARE COPPER.

INSULATION FLAME-RETARDANT POLYMER WITH NYLON JACKET.

CONDUCTOR IDENTIFICATION INSULATED CONDUCTORS ARE COLOR CODED PER ICEA METHOD 1 TABLE E-2.

ASSEMBLY CONDUCTORS ARE CABLED TOGETHER WITH SUITABLE FILLERS WHERE NEEDED AND A MYLAR TAPE SEPARATOR IS APPLIED OVER THE CONDUCTOR ASSEMBLY.

OVERALL JACKET HEAVY DUTY THERMOSETTING BLACK NEOPRENE PER UL 1277, WHICH PROTECTS AGAINST FLAME, CHEMICALS, OIL, MOISTURE, SUNLIGHT, AND ABRASION.

Charlotte Wire Part#	Size AWG	Number of Conductors	Insulation Polymer Thickness (in.)	Nylon Thickness (in.)	Jacket Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW03250	18	2	.015"	.004"	.045"	.28"	52
CW03251	18	3	.015"	.004"	.045"	.30"	60
CW03252	18	5	.015"	.004"	.045"	.34"	80
CW03253	18	6	.015"	.004"	.045"	.37"	90
CW03254	18	7	.015"	.004"	.045"	.37"	100
CW03255	18	8	.015"	.004"	.045"	.43"	115
CW03256	18	9	.015"	.004"	.045"	.46"	120
CW03257	18	10	.015"	.004"	.045"	.46"	130
CW03258	18	12	.015"	.004"	.045"	.47"	145
CW03259	18	16	.015"	.004"	.045"	.52"	185
CW03260	18	19	.015"	.004"	.060"	.58"	240
CW03261	18	21	.015"	.004"	.060"	.61"	270
CW03262	18	24	.015"	.004"	.060"	.68"	280
CW03263	18	30	.015"	.004"	.060"	.71"	330
CW03264	18	37	.015"	.004"	.060"	.77"	400

APPLICATION:

Designed for use in flexing and reeling applications where mechanical toughness and small diameters are needed, such as cranes, hoists, pendant stations, platforms, and other moving industrial equipment. May be used in indoor and outdoor applications, including sunlight resistant, direct burial, and wet or dry locations. Per NEC Articles 336 and 392, approved for installation in

- 1) raceways and cable tray systems including ladders, troughs, channels, solid bottom trays, and other similar structures,
- 2) hazardous locations per Article 501 Class 1 Division 2, and
- 3) Class 1 circuits as permitted in Article 725.

STANDARDS:

UL Standard 1277 for Type TC Cables.

Passes UL and IEEE383 70,000 BTU Flame Test.

NEC Articles 336 and 392 for Tray Cable uses and constructions.