

## PENDANT AND REELING CONTROL CABLE TYPE TC #16AWG - SMALL DIAMETER 90DEG C, 600VOLTS, UL 1277 SUNLIGHT RESISTANT

### CONSTRUCTION:

**CONDUCTOR** 19 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 Thickness (in.)		Jacket Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
			Polymer	Nylon			
CW03270	16	2	.015"	.004"	.045"	.30"	55
CW03271	16	3	.015"	.004"	.045"	.31"	70
CW03272	16	4	.015"	.004"	.045"	.35"	85
CW03273	16	5	.015"	.004"	.045"	.37"	100
CW03274	16	6	.015"	.004"	.045"	.40"	115
CW03275	16	7	.015"	.004"	.045"	.40"	120
CW03276	16	8	.015"	.004"	.045"	.46"	145
CW03277	16	9	.015"	.004"	.045"	.51"	165
CW03278	16	10	.015"	.004"	.045"	.51"	170
CW03279	16	12	.015"	.004"	.045"	.52"	195
CW03280	16	16	.015"	.004"	.060"	.61"	265
CW03281	16	19	.015"	.004"	.060"	.63"	310
CW03282	16	20	.015"	.004"	.060"	.65"	335
CW03283	16	21	.015"	.004"	.060"	.66"	340
CW03284	16	24	.015"	.004"	.060"	.73"	375
CW03285	16	30	.015"	.004"	.060"	.78"	450
CW03286	16	37	.015"	.004"	.060"	.87"	530
CW03287	16	60	.015"	.004"	.060"	1.06"	870

### 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.