

LOW SMOKE TRAY CABLE 4 CONDUCTOR W GROUND TYPE TC-ER SUNLIGHT RESISTANT, DIRECT BURIAL, 600VOLTS XHHW-2 CONDUCTORS, LOW SMOKE ZERO HALOGEN JACKET

CONSTRUCTION:

CONDUCTOR CLASS B STRANDED TINNED COPPER.

INSULATION THERMOSETTING XLP (TYPE XHHW-2) PER UL 44. INSULATED CONDUCTORS RATED 90DEGREES C WET OR DRY.

CONDUCTOR IDENTIFICATION INSULATED CONDUCTORS ARE COLOR CODED PER ICEA METHOD 4 (BLACK WITH PRINTED NUMBERS).

ASSEMBLY CONDUCTORS CABLED TOGETHER WITH A STRANDED COPPER GROUND WIRE IN ONE OF THE INTERSTICES, SUITABLE FILLERS FOR ROUNDNESS WHERE NEEDED, AND CABLE TAPE.

OVERALL JACKET SUNLIGHT RESISTANT, FLAME RETARDANT BLACK LOW SMOKE ZERO HALOGEN POLYOLEFIN.

Charlotte Wire Part#	Size AWG	No. of C'drs	Number of Strands	Insulation Thickness (in.)	Jacket Thickness (in.)	Gnd Wire Size	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW02983	8	4	7	.045"	.060"	10	.73"	408
CW02984	6	4	7	.045"	.060"	8	.81"	590
CW02985	4	4	7	.045"	.080"	8	.97"	850
CW02986	2	4	7	.045"	.080"	6	1.12"	1252
CW02987	1	4	19	.055"	.080"	6	1.28"	1580
CW02988	1/0	4	19	.055"	.080"	6	1.38"	1870
CW02989	2/0	4	19	.055"	.080"	6	1.47"	2260
CW02990	3/0	4	19	.055"	.080"	4	1.61"	2850
CW02991	4/0	4	19	.055"	.110"	4	1.80"	3500
CW02992	250MCM	4	37	.065"	.110"	4	1.95"	4160
CW02993	350MCM	4	37	.065"	.110"	3	2.21"	5595
CW02994	500MCM	4	37	.065"	.110"	2	2.52"	7690
CW02995	750MCM	4	61	.080"	.140"	1	3.12"	11600

APPLICATION:

Power circuits rated 600Volts in power plants and heavy industrial locations where flame resistance, stability in heat, physical durability, and excellent reliability is needed. May be used as sunlight resistant, directly buried, 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) aerial locations where supported by a messenger wire, and
- 3) hazardous locations per NEC Article 501 Class 1 Division 2.

STANDARDS:

UL 1277 for Type TC Cables.

Passes UL and IEEE383 70,000 BTU and ICEA 210,000BTU flame test.

UL Standard 44 for XHHW-2 Conductors.

ICEA S-95-658/NEMA WC70 for Nonshielded 0-2kv Cables.

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

TC-ER rated cables comply with crush and impact requirements of MC Cable.