

XLP/CPE TRAY CABLE 4 CONDUCTOR W/ GROUND TYPE TC-ER SUNLIGHT RESISTANT, DIRECT BURIAL XHHW-2 CONDUCTORS, CPE JACKET, 600VOLTS

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 RESISTANT BLACK CPE PER UL 1277, WHICH PROTECTS AGAINST HEAT, FLAME, CHEMICALS, MOISTURE, AND MECHANICAL DAMAGE.

Charlotte Wire Part#	Size AWG	No. of C'drs	Number of Strands	Insulation Thickness (in.)	Jacket Thickness (in.)	Gnd Wire AWG	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW02883	8	4	7	.045"	.060"	10	.73"	410
CW02884	6	4	7	.045"	.060"	8	.81"	585
CW02885	4	4	7	.045"	.080"	8	.97"	858
CW02886	2	4	7	.045"	.080"	6	1.12"	1270
CW02887	1	4	19	.055"	.080"	6	1.28"	1590
CW02888	1/0	4	19	.055"	.080"	6	1.38"	1892
CW02889	2/0	4	19	.055"	.080"	6	1.47"	2282
CW02890	3/0	4	19	.055"	.080"	4	1.61"	2860
CW02891	4/0	4	19	.055"	.110"	4	1.80"	3530
CW02892	250MCM	4	37	.065"	.110"	4	1.95"	4185
CW02893	350MCM	4	37	.065"	.110"	3	2.21"	5620
CW02894	500MCM	4	37	.065"	.110"	2	2.52"	7750
CW02895	750MCM	4	61	.080"	.140"	1	3.12"	12200
CW02896	1000MCM	4	61	.080"	.140"	1/0	3.50"	16880

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.