



POWER KABEL INC.

TRAY CABLE XHHW INSULATION UNSHIELDED WITH GROUND TYPE TC-ER CPE JACKET 600V

APPLICATIONS & FEATURES

Primarily used for power, control, signal, communication and lighting circuits in commercial and industrial environments. Suitable for installation in cable trays, supported by messenger in open air, raceways, channels, conduits and ducts. Approved for direct burial applications and outdoors in cable tray where sunlight resistant rating is required. Also may be installed in wet or dry locations or in areas exposed to chemicals and oils

INDUSTRY COMPLIANCES

UL 44 & UL1277

ICEA-S-95-658/NEMA WC70

ASTM B-3 or ASTM B-33, class B in accordance with ASTM B- 8.

flame resistant: FT4 UL 1685

CONSTRUCTION

CONDUCTORS: Tinned copper conductor in accordance with ASTM B-3 or ASTM B-33, class B in accordance with ASTM B- 8.
INSULATION: EPR type EPCV compound fulfilling type XHHW-2 (rating VW-1)
GROUND: Uninsulated tinned copper, class B stranding per ASTM B-8or ASTM B-33.
SEPARATOR: Synthetic tape over core of cable
JACKET: Black CPE - Heavy duty flame retardant thermosetting chlorinated polyethylene.

AWG	No of CONDUCTORS	STRANDS	GROUND (AWG)	INSULATION THICKNESS (MILS)	JACKET THICKNESS (MILS)	OUTSIDE DIAMETER (INCHES)	NET WEIGHT (LBS/1000 FT)
8	3	7	10	45	60	0.64	349
8	4	7	10	45	60	0.7	427
6	3	7	8	45	60	0.72	497
6	4	7	8	45	60	0.79	614
4	3	7	8	45	80	0.87	726
4	4	7	8	45	80	0.95	904
2	3	7	6	45	80	1.00	1048
2	4	7	6	45	80	1.09	1310
1	4	19	6	55	80	1.24	1638
1	3	19	6	55	80	1.13	1303
1/0	3	19	6	55	80	1.20	1557
1/0	4	19	6	55	80	1.32	1968
2/0	3	19	6	55	80	1.30	1879
2/0	4	19	6	55	80	1.43	2387
1/0	3	19	4	55	80	1.42	2344
3/0	4	19	4	55	80	1.57	2974
4/0	3	19	4	55	80	1.56	2863
4/0	4	19	4	55	110	1.79	3747
250	3	37	4	65	110	1.75	3460
250	4	37	4	65	110	1.94	4404
350	3	37	3	65	110	1.98	4648
350	4	37	3	65	110	2.19	5950
500	3	37	2	65	110	2.3	5870
500	4	37	2	65	110	2.54	7672
750	3	61	1	80	110	2.82	8734

All values are nominal and subject to correction.