

XLPE-CPE TC Shielded



Product Description: Two or more conductors, pairs or triads insulated with cross-linked polyethylene (XLPE), twisted with an aluminum mylar shield and jacketed with an overall chlorinated polyethylene (CPE) sunlight resistant jacket.

UL Standard 1277
Meets IEEE 383 70,000 BTU Flame Conforms to UL VW-1 Flame Test
NEC Article 336
Passes cold bend test -40°C

Application: For control, power lighting signals relays and traffic control

P/N	AWG	COND	INS THICKNESS	JACKET THICKNESS	NOM DIA.
770214CPE	14	2	.030	.045	.365
770414CPE	14	4	.030	.045	.386
770614CPE	14	6	.030	.045	.501
770814CPE	14	8	.030	.060	.572
771014CPE	14	10	.030	.060	.635
771214CPE	14	12	.030	.060	.670
771514CPE	14	15	.030	.060	.740
771614CPE	14	16	.030	.060	.761
772014CPE	14	20	.030	.060	.825
772114CPE	14	21	.030	.080	.881
772514CPE	14	25	.030	.080	.950
770212CPE	12	2	.030	.045	.400
770412CPE	12	4	.030	.045	.467
770612CPE	12	6	.030	.060	.586
770812CPE	12	8	.030	.060	.632
771012CPE	12	10	.030	.060	.705
771212CPE	12	12	.030	.060	.745
771512CPE	12	15	.030	.060	.821
771612CPE	12	16	.030	.080	.885
772012CPE	12	20	.030	.080	.958
772112CPE	12	21	.030	.080	.977
772512CPE	12	25	.030	.080	1.05
770210CPE	10	2	.030	.045	.451
770410CPE	10	4	.030	.060	.553
770610CPE	10	6	.030	.060	.656
770810CPE	10	8	.030	.060	.710
771010CPE	10	10	.030	.060	.803
771210CPE	10	12	.030	.080	.880
771510CPE	10	15	.030	.080	.970
771610CPE	10	16	.030	.080	.995
772010CPE	10	20	.030	.080	1.10
772110CPE	10	21	.030	.080	1.11

These values are nominal in accordance with industry standards. Additional conductor counts, colors or stranding are available upon request with minimum purchase orders.
Tinned copper available upon request.
Color Code Chart # 5

Standard Jacket Color – Black
Voltage - 600V Max
Temperature 90°C

Available in 500, 1000 or 5000' Spools

