

SPOS XLPE/CPE 600V Shielded Tray Cable



APPLICATION:

Priority Wire & Cable's SPOS XLPE/CPE Tray Cable is primarily used for power, control, signal, communication and lighting circuits in commercial and industrial environments such as utility generating stations, sub stations, chemical plants, fertilizer plants and nuclear plants. It may be installed in wet or dry locations at 90°C or in areas exposed to chemicals and oils.

CONDUCTORS:

- Fully annealed tinned copper Class B stranded

INSULATION:

- Flame retardant Cross-linked Polyethylene (XLPE) that is heat and moisture resistant

ASSEMBLY:

- Foil free edged Aluminum/Mylar Tape with 100% coverage on each pair, with an overall Aluminum/Mylar Tape with 100% coverage and a stranded tinned copper drain wire in contact with all shields

JACKET:

- Flame and sunlight resistant black Chlorinated Polyethylene (CPE) with ripcord rated 90°C wet or dry per UL 1277

COLOR CODE:

- Black & White numbered pairs

STANDARDS:

- UL Listed as TC-ER per UL Standard 1277 for tray cables with 3+ conductors
- Approved for Class 1 Division 2 industrial hazardous locations per NEC
- UL approved for Direct Burial, Sunlight and Oil Res I & II Resistant applications
- Rated at 90°C wet or dry
- Cold bend rated at -25°C
- Meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- ICEA S-73-532, where applicable
- RoHS II & REACH compliant

Part Number	Conductor Size	Pair Count	No. of Strands	Drain Wire	Insulation Thickness		Jacket Thickness		Overall Diameter		Net Weight
	AWG			AWG	inches	mm	inches	mm	inches	mm	lbs./Mft.
18-02PRTC-SPOS-XLCPE	18	2	7	18	0.030	0.76	0.045	1.14	0.463	11.76	119
18-04PRTC-SPOS-XLCPE	18	4	7	18	0.030	0.76	0.060	1.52	0.606	15.39	220
18-06PRTC-SPOS-XLCPE	18	6	7	18	0.030	0.76	0.060	1.52	0.747	18.97	315
18-08PRTC-SPOS-XLCPE	18	8	7	18	0.030	0.76	0.060	1.52	0.787	19.99	391
18-12PRTC-SPOS-XLCPE	18	12	7	18	0.030	0.76	0.080	2.03	0.978	24.84	591
18-16PRTC-SPOS-XLCPE	18	16	7	18	0.030	0.76	0.080	2.03	1.095	27.81	753
18-24PRTC-SPOS-XLCPE	18	24	7	18	0.030	0.76	0.080	2.03	1.305	33.15	1073
16-02PRTC-SPOS-XLCPE	16	2	7	16	0.030	0.76	0.045	1.14	0.463	11.76	119
16-04PRTC-SPOS-XLCPE	16	4	7	16	0.030	0.76	0.060	1.52	0.606	15.39	220
16-06PRTC-SPOS-XLCPE	16	6	7	16	0.030	0.76	0.060	1.52	0.747	18.97	315
16-08PRTC-SPOS-XLCPE	16	8	7	16	0.030	0.76	0.060	1.52	0.787	19.99	391
16-12PRTC-SPOS-XLCPE	16	12	7	16	0.030	0.76	0.080	2.03	0.978	24.84	591
16-16PRTC-SPOS-XLCPE	16	16	7	16	0.030	0.76	0.080	2.03	1.095	27.81	753
16-24PRTC-SPOS-XLCPE	16	24	7	16	0.030	0.76	0.080	2.03	1.305	33.15	1073

All values are nominal and subject to correction



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