CVTC®

XLPE/PVC, Instrumentation, Shielded
300 V, UL Type PLTC, Overall Shielded Pairs/Triads

CATALOG NUMBER	NO. OF PAIRS/ TRIADS	COND. SIZE (AWG)	COND. STRAND	MINIMUM AVG. INSULATION THICKNESS		MINIMUM AVG. JACKET THICKNESS		NOMINAL CABLE O.D.		COPPER WEIGHT		NET WEIGHT	
				INCHES	mm	INCHES	mm	INCHES	mm	LBS/ 1000 FT	kg/km	LBS/ 1000 FT	kg/km
OVERALL SHIELDED PAIRS/TRIADS 18 AWG CONDUCTORS													
366140*	1	18	7W	0.015	0.38	0.035	0.89	0.235	5.97	13	19	32	48
342930*	1 TRI	18	7W	0.015	0.38	0.040	1.02	0.250	6.35	18	27	40	60
342940*	2	18	7W	0.015	0.38	0.040	1.02	0.365	9.27	25	37	56	83
342950*	4	18	7W	0.015	0.38	0.050	1.27	0.440	11.18	46	68	98	146
342960*	8	18	7W	0.015	0.38	0.050	1.27	0.550	13.97	87	129	175	260
342970*	12	18	7W	0.015	0.38	0.060	1.52	0.675	17.15	129	192	250	372
342980*	16	18	7W	0.015	0.38	0.060	1.52	0.750	19.05	171	254	317	472
342990*	20	18	7W	0.015	0.38	0.060	1.52	0.785	19.94	211	314	392	583
343000*	24	18	7W	0.015	0.38	0.060	1.52	0.905	22.99	253	377	476	708
343010*	36	18	7W	0.015	0.38	0.070	1.78	1.080	27.43	377	561	681	1013
343020*	50	18	7W	0.015	0.38	0.070	1.78	1.245	31.62	524	780	913	1359
OVERALL SHIELDED PAIRS/TRIADS 16 AWG CONDUCTORS													
366150*	1	16	7W	0.015	0.38	0.035	0.89	0.262	6.65	19	28	42	63
343030*	1 TRI	16	7W	0.015	0.38	0.040	1.02	0.280	7.11	27	40	53	79
343040*	2	16	7W	0.015	0.38	0.050	1.27	0.430	10.92	37	55	81	121
343050*	4	16	7W	0.015	0.38	0.050	1.27	0.490	12.45	71	106	131	195
343060*	8	16	7W	0.015	0.38	0.060	1.52	0.650	16.51	135	201	254	378
343070*	12	16	7W	0.015	0.38	0.060	1.52	0.755	19.18	203	302	350	521
343080*	16	16	7W	0.015	0.38	0.060	1.52	0.845	21.46	270	402	451	671
343090*	20	16	7W	0.015	0.38	0.070	1.78	0.880	22.35	334	497	545	811
343100*	24	16	7W	0.015	0.38	0.070	1.78	1.020	25.91	400	595	657	978
343110*	36	16	7W	0.015	0.38	0.070	1.78	1.220	30.99	599	891	965	1423
343120*	50	16	7W	0.015	0.38	0.080	2.03	1.405	35.69	831	1237	1322	1967

Dimensions and weights are nominal; subject to industry tolerances.
* Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.

Product Construction:

Conductor:
- 18 AWG and 16 AWG bare, annealed copper per ASTM B3
- Class B stranding per ASTM B8

Insulation:
- Flame-retardant Cross-linked Polyethylene (XLPE)
- Color-coded per ICEA Method 1: Pairs - black and white; Triads - black, white and red. One conductor in each pair or triad is printed alpha-numerically for easy identification

Shield:
Overall shielded pairs/triads
- Overall shield is Flexfoil® aluminum/polymer in contact with stranded tinned copper drain wire

Jacket:
- Lead-free, flame-retardant, sunlight-resistant Polyvinyl Chloride (PVC)

Applications:
- In free air and raceways in accordance with NEC
- Typical applications include audio, intercom, control, energy management and alarm circuits
- In ducts, cable trays or conduit
- In accordance with UL Subject 13 as Power-Limited Circuit Cable
- In Class 3 circuits in accordance with NEC
- Permitted for use in Class I, Division 2 industrial hazardous locations per NEC

Features:
- Rated at 90˚C
- Ripcord applied to all cables with jacket thickness of 60 mils or less
- Abrasion- and chemical-resistant
- Excellent electrical properties
- Sunlight- and weather-resistant
- Meets cold bend test at -25˚C

Compliances:
Industry Compliances:
- UL 13 Type PLTC, UL File # E36118
- UL 1581
- RoHS Compliant

Flame Test Compliances:
- UL 1581/UL 2556 VW-1
- IEEE 383

Other Compliances:
- EPA 40 CFR, Part 261 for leachable lead content per TCLP
- OSHA Acceptable

Packaging:
- Material cut to length and shipped on non-returnable wood reels

UL® LISTED

RoHS Compliant Directive 2011/65/EU

General Cable