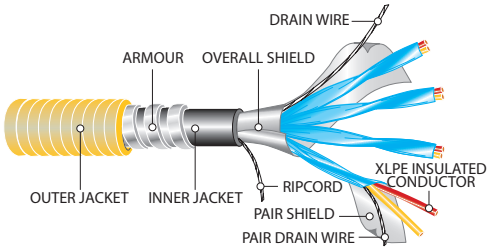
Thermocouple Extension Armoured Cable

XLPE ACIC Thermocouple Cable 300V Type KX XLPE/AIA/PVC



SPECIFICATIONS

- CSA FT4
- CSA C22.2 No. 239
- CSA C22.2 No. 38
- CSA C22.2 No. 174
- H.L. B, C, D Rated
- Class I Zone 1 (Div 1)
- Class I Zone 2 (Div 2)
- Class II (Div 1)
- Class II (Div 2) Hazardous Locations
- ANSI/MC 96.1

CONSTRUCTION

Conductor: Solid KX Thermocouple alloys

Colour Code: Positive (yellow) chromel, negative (red) alumel number coded pairs

Insulation: Cross-Linked Polyethylene (XLPE) Type RW90

Individual Shield: (Multi-Pair Only) aluminum/mylar tape shield complete with drain wire

Overall Shield: Overall aluminum/mylar tape shield with 7 strand drain wire

Armour: Aluminum Interlocked Armour (AIA)

Outer Jacket: Low temperature (-40°C), flame and sunlight resistant Polyvinyl Chloride (PVC), yellow

Suitable For Use In: 90°C wet, 105°C dry

Part Number	AWG Size	No. of Pairs	Insulation Thickness		Approximate Diameter		Net Weight		Minimum Bend Radius (in.)
			in.	mm.	in.	mm.	LB/ MFT	KG/KM	
6-91178X-1801-KX	18	1	0.025	0.635	0.647	16.434	162	241	11.646
6-93278X-1802-KX	18	2	0.025	0.635	0.810	20.574	251	374	14.587
6-93278X-1804-KX	18	4	0.025	0.635	0.882	22.403	302	449	15.869
6-93278X-1806-KX	18	6	0.025	0.635	1.014	25.756	402	598	18.254
6-93278X-1808-KX	18	8	0.025	0.635	1.066	27.076	456	679	19.192
6-93278X-1812-KX	18	12	0.025	0.635	1.254	31.852	675	1004	22.569
6-93278X-1824-KX	18	24	0.025	0.635	1.575	40.005	1035	1540	28.354
6-91178X-1601-KX	16	1	0.025	0.635	0.669	16.993	177	263	12.042
6-93278X-1602-KX	16	2	0.025	0.635	0.850	21.590	280	417	15.300
6-93278X-1604-KX	16	4	0.025	0.635	0.959	24.359	370	551	17.269
6-93278X-1606-KX	16	6	0.025	0.635	1.074	27.280	468	696	19.323
6-93278X-1608-KX	16	8	0.025	0.635	1.132	28.753	581	865	20.369
6-93278X-1612-KX	16	12	0.025	0.635	1.336	33.934	797	1186	24.048
6-93278X-1624-KX	16	24	0.025	0.635	1.714	43.536	1293	1924	30.852

Note: All dimensions are nominal and are subject to normal manufacturing tolerance. Specifications are subject to change without prior notice.

** Refer to CEC for Ampacity.*