

Ex Industries

Type PLTC & ITC Armored Instrumentation Cable

300V / 90 degree C rating

APPLICATION

Impervious, continuous, corrugated Aluminum instrumentation cable. UL listed for use in Class I, II and III, Division 2 hazardous locations. For use indoors or outdoors; wet or dry locations; in cable trays; in raceways and direct burial applications.

Specifications

- **Conductor:** Bare copper, Class B, stranded per ASTM B-8
- **Insulation:** Heat and moisture-resistant PVC
- **Individual Shield:** Aluminum-polymer tape providing 100% coverage with tinned copper drain wire
- **Overall Shield:** Aluminum-polymer tape providing 100% coverage with tinned copper drain wire
- **Inner Jacket:** Flame retardant PVC
- **Armor:** Impervious continuously welded and corrugated aluminum
- **Outer Jacket:** Black sunlight resistant PVC
- **Temp. Rating:** 90 degrees C max conductor operating temperature
- UL listed, NEC type MC, UL Standard 1569
- UL listed Type CWCMC to IEEE 45 Marine Shipboard Cable

Number of Pairs or Triads	Size AWG	PVC-Nylon Insulation Thickness Mils	Armor Diameter Inches	Inner Jacket Overall Diameter Inch	Nom. O/D Inches	Approx. Weight Lbs/MFT
1 Pair	16	15-4	0.44	0.29	0.54	144
1 Triad	16	15.4	0.48	0.31	0.58	165
2 Pair	16	15-4	0.70	0.50	0.80	255
4 Pair	16	15-4	0.84	0.61	0.94	355
4 Triad	16	15-4	0.92	0.68	1.02	430
6 Triad	16	15-4	1.07	0.79	1.17	560
8 Pair	16	15-4	1.02	0.76	1.12	518
12 Pair	16	15-4	1.19	0.93	1.29	675
24 Pair	16	15-4	1.56	1.21	1.68	1170
36 Pair	16	15-4	1.80	1.80	1.92	1607

Color Code: black and white for pairs and black red and white for triads with printed numbers.

Notes:

All dimensions must be verified at time of ordering.

Other sizes available upon request.

Minimum quantities may be required.

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www.exindustries.com