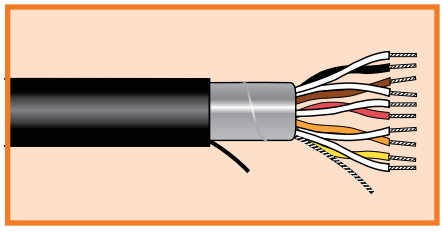
Xtra-Guard® 4

Advanced Temperature and Chemical Performance 300 V Foil Shield, Multipair



UL AWM 20237
UL PLTC
CSA AWM I/II A/B FT1
MSHA P-07-KA070017-MSHA
NEC Class 1, Div 2 (22 AWG)

Operating Temperature

- –50°C to +125°C

Conductor Color Coding

- Chart B (page 528)
- Nine jacket colors (black standard)
- Custom colors available

Materials

- Stranded tinned copper conductors
- TPE insulation
- TPE jacket
- Aluminum/polyester foil shield, with 25% overlap and foil facing inward
- Tinned copper drain wire sized the same as cable conductors
- Nylon ripcord

Availability

Made to order
1000 ft (305 m) minimum

FIT® Tubing Recommendations

- FIT-600: highly flexible, cross-linked elastomer
- FIT-400: temperature/chemical resistant FEP

24 AWG (0.23 mm²)

Stranding: 7/32 (7 x 0.20 mm)
Insulation thickness: 0.016 (0.41 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
45491	1	0.204	5.18	0.042	1.07
45492	2	0.276	7.01	0.042	1.07
45493	3	0.290	7.37	0.042	1.07
45494	4	0.314	7.98	0.042	1.07
45495	5	0.341	8.66	0.042	1.07
45496	6	0.370	9.40	0.042	1.07
45499	9	0.428	10.87	0.042	1.07
45499/11	11	0.459	11.66	0.042	1.07
45499/15	15	0.516	13.11	0.042	1.07
45499/27	27	0.679	17.25	0.053	1.35

* UL AWM 20237, CSA AWM I/II A/B FT1 only

22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)
Insulation thickness: 0.016 (0.41 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
45481	1	0.222	5.64	0.045	1.14
45482	2	0.301	7.65	0.045	1.14
45483	3	0.317	8.05	0.045	1.14
45484	4	0.344	8.74	0.045	1.14
45485	5	0.374	9.50	0.045	1.14
45486	6	0.425	10.80	0.055	1.40
45489	9	0.489	12.42	0.055	1.40
45489/11	11	0.525	13.34	0.055	1.40
45489/15	15	0.588	14.94	0.055	1.40

Specifications subject to change. For complete specifications and availability, visit www.alphawire.com.