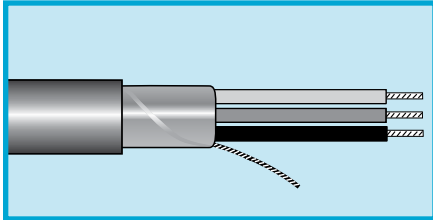


Communication and Control

300 V Foil Shield, Multiconductor, PE, PVC

Alpha
Essentials



**UL AWM 2092, 2093,
2094 VW-1**
UL CMG
CSA CMG FT4

Operating Temperature

- -20°C to +75°C (CMG)
- -20°C to +60°C (AWM)

Conductor Color Coding

- 1 Black, 2 Red, 3 Natural,
4 Green

Materials

- Stranded tinned copper conductors
- Polyethylene insulation
- Aluminum/polyester foil shield,
25% overlap min.
Foil facing outward
- Stranded tinned copper drain
wire (see table for sizes)
- Slate PVC jacket

Availability

100 ft (30.5 m)
500 ft (152 m), spool or box
1000 ft (305 m), spool or box

24 AWG (0.23 mm²)

Stranding: 7/32 (7 x 0.20 mm)
Insulation thickness: 0.016 (0.41 mm)
24 AWG (0.22 mm²) drain wire

Part No.	Conductors	Nominal Diameter		Jacket Thickness		AWM
		Inch	mm	Inch	mm	
2400C	2	0.156	3.96	0.020	0.51	2092

22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)
Insulation thickness: 0.016 (0.41 mm)
22 AWG (0.35 mm²) drain wire

Part No.	Conductors	Nominal Diameter		Jacket Thickness		AWM
		Inch	mm	Inch	mm	
2401C*	2	0.168	4.27	0.020	0.51	2092
2402C	2	0.168	4.27	0.020	0.51	2092
2403C	3	0.178	4.52	0.020	0.51	2093
2404C	4	0.194	4.93	0.020	0.51	2094

20 AWG (0.56 mm²)

Stranding: 7/28 (7 x 0.32 mm)
Insulation thickness: 0.016 (0.41 mm)
20 AWG (0.50 mm²) drain wire

Part No.	Conductors	Nominal Diameter		Jacket Thickness		AWM
		Inch	mm	Inch	mm	
2411C*	2	0.184	4.67	0.020	0.51	2092
2412C	2	0.184	4.67	0.020	0.51	2092
2413C	3	0.195	4.95	0.020	0.51	2093
2414C	4	0.213	5.41	0.020	0.51	2094

18 AWG (0.81 mm²)

Stranding: 16/30 (16 x 0.25 mm)
Insulation thickness: 0.016 (0.41 mm)
20 AWG (0.50 mm²) drain wire

Part No.	Conductors	Nominal Diameter		Jacket Thickness		AWM
		Inch	mm	Inch	mm	
2421C*	2	0.202	5.13	0.020	0.51	2092
2422C	2	0.202	5.13	0.020	0.51	2092
2423C	3	0.214	5.44	0.020	0.51	2093
2424C	4	0.235	5.97	0.020	0.51	2094

16 AWG (1.32 mm²)

Stranding: 19/0.117 (19 x 0.30 mm)
Insulation thickness: 0.016 (0.41 mm)
18 AWG (0.81 mm²) drain wire

Part No.	Conductors	Nominal Diameter		Jacket Thickness		AWM
		Inch	mm	Inch	mm	
2432C	2	0.226	5.74	0.020	0.51	2092
2433C	3	0.240	6.10	0.020	0.51	2093

*Color code: 1 black, 2 natural.

