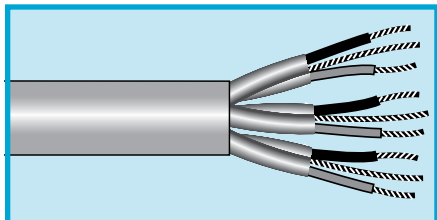


Communication and Control

300 V Individually Foil Shielded Pairs, Multipair, PP, PVC

Alpha
Essentials



UL CMG
CSA CMG FT4

Operating Temperature

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

Conductor Color Coding

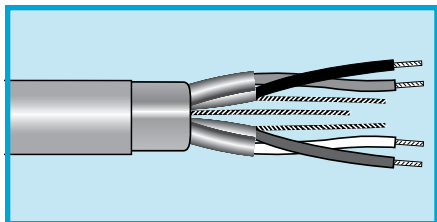
- See tables

Materials

- Stranded tinned copper conductors
- Polypropylene insulation
- Individual aluminum/polyester foil shield, 25% overlap min.
Stranded tinned copper drain wire (see tables for sizes)
- Slate PVC jacket

Availability

100 ft (30.5 m)
500 ft (152 m)
1000 ft (305 m)



Individually Shielded Pairs

22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)
Insulation thickness: 0.010 (0.25 mm)
24 AWG (0.22 mm²) drain wire
Foil facing outward

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2466C	2	0.170	4.32	0.020	0.51

Characteristic impedance: 60 ohms
Mutual capacitance: 25 pF/ft (82 pF/m)
Ground capacitance: 45 pF/ft (147.6 pF/m)

Color code: 1 Red-Black, 2 Green-White.

Individually Shielded Pairs, UL CM

22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)
Insulation thickness: 0.008 (0.20 mm)
24 AWG (0.22 mm²) drain wire
Foil facing outward

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2463C	4	0.230	5.84	0.020	0.51

Characteristic impedance: 53 ohms
Mutual capacitance: 29 pF/ft (95.1 pF/m)
Ground capacitance: 52 pF/ft (170.6 pF/m)

Color code: 1 Red-Black, 2 Green-White, 3 White/Red-White/Black, 4 White/Green-White/Yellow.

Individually Shielded Pairs

20 AWG (0.56 mm²)

Stranding: 7/28 (7 x 0.32 mm)
Insulation thickness: 0.015 (0.38 mm)
22 AWG (0.35 mm²) drain wire
Foil facing inward

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
2467C	4	0.340	8.64	0.030	0.76

Characteristic impedance: 66 ohms
Mutual capacitance: 23 pF/ft (75.5 pF/m)
Ground capacitance: 41 pF/ft (134.5 pF/m)

Color code: 1 Red-Black, 2 Green-White, 3 White/Red-White/Black, 4 White/Green-White/Yellow.

Individually Shielded Pairs +Overall Shield, AWM 2717

22 AWG (0.35 mm²)

Stranding: 7/30 (7 x 0.25 mm)
Insulation thickness: 0.009 (0.23 mm)
22 AWG (0.35 mm²) drain wire
Foil facing inward

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
1243/2C	2	0.245	6.22	0.030	0.76

Characteristic impedance: 57 ohms
Mutual capacitance: 27 pF/ft (88.6 pF/m)
Ground capacitance: 49 pF/ft (160.7 pF/m)

Color code: 1 Red-Black, 2 Green-White.

