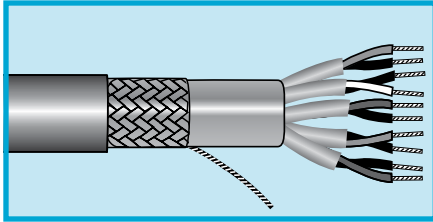


Communication and Control

Alpha
Essentials

300 V Individually Foil Shielded Pairs and Overall
Foil/Braid, Multipair, Foam PE, PVC

Low-Capacitance Data Cable



UL AWM 2493 VW-1

UL CM

CSA CM FT1

Operating Temperature

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

Conductor Color Coding

- Chart A
- (See table at right for Part No. 6319 and 6322)

Materials

- Stranded tinned copper conductors
- Foam polyethylene insulation
- Individual aluminum/polyester foil shield, 25% overlap min.
Foil facing inward
Stranded tinned copper drain wire, 24 AWG
- Overall foil + braid shielding
Aluminum/polyester foil, 25% overlap min.
Foil facing outward
Stranded tinned copper drain wire equal in size to conductor
Tinned copper braid, 65% coverage
- Slate PVC jacket

Availability

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

24 AWG (0.22 mm²)

Stranding: 7/32 (7 x 0.20 mm)
Insulation thickness: 0.019 (0.49 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
6316	2	0.349	8.86	0.048	1.22
6317	3	0.353	8.97	0.048	1.22
6318	4	0.397	10.08	0.048	1.22
6319*	5	0.430	10.92	0.048	1.22
6320	6	0.464	11.79	0.048	1.22
6321	7	0.464	11.79	0.048	1.22
6322*	8	0.499	12.67	0.048	1.22
6323	10	0.606	15.39	0.063	1.60
6324	15	0.687	17.45	0.063	1.60
6325	18	0.721	18.31	0.063	1.60
6326	25	0.901	22.89	0.085	2.16

Characteristic impedance: 100 ohms
Mutual capacitance: 12.5 pF/ft (41 pF/m)
Ground capacitance: 22 pF/ft (72.2 pF/m)

*Color Code

Pair No.	Color	Pair No.	Color
1	Black, Red	5	Black, Yellow
2	Black, White	6	Black, Brown
3	Black, Green	7	Black, Orange
4	Black, Blue	8	Red, White