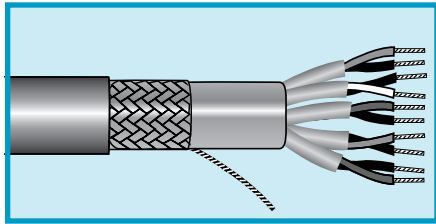


# Communication and Control

300 V Individually Foil Shielded Pairs and Overall Foil/Braid, Multipair, FPE, 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 (page 528)
- (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 (0.23 mm²), 7/32 (7 x 0.20 mm)
- 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
<b>6316</b>	2	0.349	8.86	0.048	1.22
<b>6317</b>	3	0.353	8.97	0.048	1.22
<b>6318</b>	4	0.397	10.08	0.048	1.22
<b>6319*</b>	5	0.430	10.92	0.048	1.22
<b>6320</b>	6	0.464	11.79	0.048	1.22
<b>6321</b>	7	0.464	11.79	0.048	1.22
<b>6322*</b>	8	0.499	12.67	0.048	1.22
<b>6323</b>	10	0.606	15.39	0.063	1.60
<b>6324</b>	15	0.687	17.45	0.063	1.60
<b>6325</b>	18	0.721	18.31	0.063	1.60
<b>6326</b>	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

