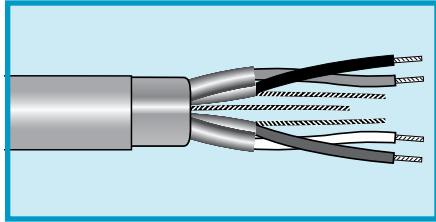


Communication and Control

150 V Foil Shield, Multipair, FEP, PVDF
Plenum Rated, Low- and Mid-Capacitance



UL CL2P
UL CMP
CSA CMP FT6

Operating Temperature

- 25°C to +125°C

Conductor Color Coding

- Chart A1 (page 528)

Materials

- Stranded tinned copper conductors
- FEP insulation
- Aluminum/polyester foil shield, 25% overlap min.
Foil facing inward
- Stranded tinned copper drain wire, 24 AWG (0.22 mm²), 7/32 (7 x 0.20 mm)
- Slate PVDF jacket

Availability

500 ft (152 m)

1000 ft (305 m)*

*May contain multiple lengths

Individually Shielded Pairs

24 AWG (0.22 mm²)

Stranding: 7/32 (7 x 0.20 mm)
Insulation thickness: 0.007 (0.18 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
58602	2	0.164	4.17	0.009	0.23
58603	3	0.175	4.45	0.009	0.23
58604	4	0.194	4.93	0.009	0.23

Mutual capacitance: 25 pF/ft (82 pF/m)
Ground capacitance: 45 pF/ft (147.6 pF/m)

Overall Shield

24 AWG (0.22 mm²)

Stranding: 7/32 (7 x 0.20 mm)
Insulation thickness: 0.007 (0.18 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
58802	2	0.154	3.91	0.011	0.28
58803	3	0.163	4.14	0.011	0.28
58804	4	0.180	4.57	0.011	0.28
58806	6	0.217	5.51	0.011	0.28
58809	9	0.256	6.50	0.011	0.28
58812	12.5	0.294	7.47	0.011	0.28

Mutual capacitance: 20 pF/ft (65.6 pF/m)
Ground capacitance: 36 pF/ft (118.1 pF/m)

Overall Shield

24 AWG (0.22 mm²)

Stranding: 7/32 (7 x 0.20 mm)
Insulation thickness: 0.012 (0.30 mm)

Part No.	Pairs	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
58902	2	0.186	4.72	0.011	0.28
58903	3	0.199	5.05	0.011	0.28
58904	4	0.219	5.56	0.011	0.28
58906	6	0.266	6.76	0.011	0.28
58909	9	0.315	8.00	0.011	0.28
58912	12.5	0.367	9.32	0.011	0.28

Mutual capacitance: 12.5 pF/ft (41 pF/m)
Ground capacitance: 23 pF/ft (75.5 pF/m)

