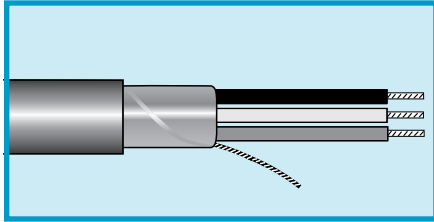


# Communication and Control

300 V Foil Shield, Multiconductor, SR-PVC, PVC



**UL AWM 2464 VW-1**  
**UL CM**  
**CSA CMG FT4**

### Operating Temperature

- -20°C to +80°C (AWM)
- -20°C to +75°C (CM)
- -20°C to +60°C (CMG)

### Conductor Color Coding

- Chart F (page 532)

### Materials

- Stranded tinned copper conductors
- Semirigid PVC insulation
- Aluminum/polyester foil shield, 25% overlap min.  
Foil facing outward
- Stranded tinned copper drain wire equal in size to conductor
- 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: 0.010 (0.25 mm)

Part No.	Conductors	Nominal Diameter		Jacket Thickness	
		Inch	mm	Inch	mm
<b>6300/3*</b>	3	0.163	4.14	0.032	0.81
<b>6300/4*</b>	4	0.174	5.44	0.032	0.81
<b>6305</b>	5	0.187	4.75	0.032	0.81
<b>6306*</b>	6	0.201	5.11	0.032	0.81
<b>6300/8*</b>	8	0.214	5.44	0.032	0.81
<b>6300/10*</b>	10	0.244	6.20	0.032	0.81
<b>6307</b>	15	0.270	6.86	0.032	0.81
<b>6308</b>	20	0.298	7.57	0.032	0.81
<b>6309</b>	25	0.332	8.43	0.032	0.81
<b>6310</b>	30	0.366	9.30	0.040	1.02
<b>6311</b>	40	0.406	10.31	0.040	1.02
<b>6312</b>	50	0.453	11.51	0.045	1.14

Mutual capacitance: 32 pF/ft (105 pF/m)  
 Ground capacitance: 58 pF/ft (190 pF/m)

\*Color coding: 1 Black, 2 White, 3 Red, 4 Green, 5 Brown, 6 Blue, 7 Orange, 8 Yellow, 9 Violet, 10 Slate.

