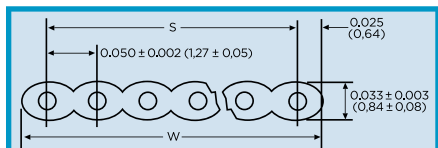


Communication and Control

300 V Unshielded, Flat Cable, 0.050 (1.27 mm) Centerline



UL AWM 2651, 20932 VW-1

Operating Temperature

- -20°C to +105°C

Materials

- Stranded tinned copper conductors
- Extruded PVC insulation (slate cable)
- Thermally bonded PVC with clear PVC covering (color-coded cable)

Color

- AWM 2651: slate cable, with red polarity stripe on leading edge
- AWM 20932: color-coded cable: brown, red, orange, yellow, green, blue, violet, slate, white, black . . . repeats

Electrical Characteristics

- Capacitance: 14 pF/ft (45.9 pF/m) nom. at 1 MHz
- Propagation delay: 1.4 ns/ft (4.6 ns/m) @ 0.18 ns risetime
- Impedance: 105 ohms (G-S-G configuration)
- Near-end crosstalk: 3.2%
- Far-end crosstalk: 11.5%
- Crosstalk measured on adjacent lines, 1 ns risetime, 10 ft (3.05 m) length

Availability

100 ft (30.5 m)

May contain multiple lengths

28 AWG (0.09 mm ²)						
Stranding: 7/36 (7 x 0.13 mm) Insulation thickness: 0.010 (0.25 mm)						
Part No. Slate (AWM 2651)	Color Coded (AWM 20932)	Conductors	Width (W)		Span (S)	
			Inch	mm	Inch	mm
3580/9	3583/9	9	0.45	11.43	0.40	10.16
3580/10	3583/10	10	0.50	12.70	0.45	11.43
3580/14	3583/14	14	0.70	17.78	0.65	16.51
3580/15	3583/15	15	0.75	19.05	0.70	17.78
3580/16	3583/16	16	0.80	20.32	0.75	19.05
3580/20	3583/20	20	1.00	25.40	0.95	24.13
3580/24	3583/24	24	1.20	30.48	1.15	29.21
3580/25	3583/25	25	1.25	31.75	1.20	30.48
3580/26	3583/26	26	1.30	33.02	1.25	31.75
3580/34	3583/34	34	1.70	43.18	1.65	41.91
3580/37	3583/37	37	1.85	46.99	1.80	45.72
3580/40	3583/40	40	2.00	50.80	1.95	49.53
3580/50	3583/50	50	2.50	63.50	2.45	62.23
3580/60	3583/60	60	3.00	76.20	2.95	74.93
3580/64	3583/64	64	3.20	81.28	3.15	80.01

