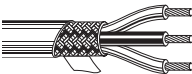


High-Temperature

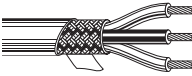
Overall Braid Shield — Control and Instrumentation Cables

MIL-W-16878/4 (Type E) — Individual Conductors

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Nominal Capacitance					
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	pF/ Ft.	pF/ m	** pF/ Ft.	** pF/ m		
26 AWG Stranded (7x34) Silver-plated Copper Conductors • Cabled and Color-coded • Silver-plated Copper Braid Shield (85% Coverage)																				
Extruded TFE Teflon® Insulation • White TFE Teflon Tape-wrapped Jacket																				
600V RMS -65°C to 200°C VW-1 	83303E	—	1	White	500 ^{††}	152.4	3.5	1.6	.010	.25	.010	.25	.076	1.93	—	—	44.6	146		
					1000 [▲]	304.8	6.0	2.7												
	83317E	—	2	White, Black	100 [†]	30.5	1.4	0.6	.010	.25	.011	.28	.121	3.07	20.8	68	35.5	116		
					500 ^{††}	152.4	6.5	3.0												
					1000 [▲]	304.8	14.0	6.4												
	83332E	—	3	White, Black, Red	100 [†]	30.5	1.7	0.8	.010	.25	.011	.28	.127	3.23	18.8	62	31.4	103		
					1000 [▲]	304.8	17.0	7.7												
	83347E	—	4	White, Black, Red, Green	100 [†]	30.5	1.9	0.9	.010	.25	.011	.28	.137	3.48	18.5	61	30.5	100		
					500 ^{††}	152.4	10.0	4.5												
					1000 [▲]	304.8	19.0	8.6												

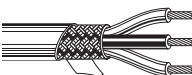
MIL-Spec MIL-W-16878/4 (Type E).

24 AWG Stranded (19x36) Silver-plated Copper Conductors • Cabled and Color-coded • Silver-plated Copper Braid Shield (85% Coverage)

Extruded TFE Teflon Insulation • White TFE Teflon Tape-wrapped Jacket																			
600V RMS -65°C to 200°C VW-1 	83304E	—	1	White	500 ^{††}	152.4	4.5	2.0	.010	.25	.010	.25	.085	2.16	—	—	46	151	
					1000 [▲]	304.8	8.0	3.6											
	83318E	—	2	White, Black	100 [†]	30.5	1.6	0.7	.010	.25	.011	.28	.131	3.33	26.5	87	42.4	139	
					500 ^{††}	152.4	7.5	3.4											
					1000 [▲]	304.8	16.0	7.3											
	83333E	—	3	White, Black, Red	100 [†]	30.5	1.9	0.9	.010	.25	.011	.28	.137	3.48	21.9	72	36.8	121	
					500 ^{††}	304.8	10.0	4.5											
	83348E	—	4	White, Black, Red, Green	100 [†]	30.5	2.3	1.0	.010	.25	.011	.28	.149	3.79	21.9	72	36.8	121	
					500 ^{††}	152.4	12.0	5.4											
					1000 [▲]	304.8	23.0	10.4											

Complies with MIL-W-16878/4 (Type E) except stranding.

22 AWG Stranded (19x34) Silver-plated Copper Conductors • Cabled and Color-coded • Silver-plated Copper Braid Shield (85% Coverage)

Extruded TFE Teflon Insulation • White TFE Teflon Tape-wrapped Jacket																		
600V RMS -65°C to 200°C VW-1 	83305E	—	1	White	100 [†]	30.5	1.1	0.5	.010	.25	.010	.25	.091	2.31	—	—	57.9	190
					500 ^{††}	152.4	5.0	2.3										
	83319E	—	2	White, Black	100 [†]	30.5	1.9	0.9	.010	.25	.011	.28	.143	3.63	29.9	98	49.2	161
					500 ^{††}	152.4	10.0	4.5										
					1000 [▲]	304.8	19.0	8.6										
	83334E	—	3	White, Black, Red	100 [†]	30.5	2.7	1.2	.010	.25	.011	.28	.150	3.81	27.4	90	45.7	150
					500 ^{††}	152.4	12.5	5.7										
	83349E	—	4	White, Black, Red, Green	100 [†]	30.5	3.1	1.4	.010	.25	.011	.28	.163	4.14	27.4	90	45.7	150
					500 ^{††}	152.4	14.5	6.6										
					1000 [▲]	304.8	28.0	12.7										

Complies with MIL-W-16878/4 (Type E) except stranding.

*Capacitance between conductors.

**Capacitance between one conductor and other conductors connected to shield.

† 100 ft. put-up one piece, exact length.

†† 500 ft. put-up exact, but may contain up to 3 pieces. Minimum length of any one piece is 25 ft.

▲ Spools may contain more than one piece. Length may vary ±10% from length shown.

Teflon is a DuPont trademark.