

**Conformable® Coax Cable**

## 50 Ohm Microwave Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/100 Ft.	dB/100m
<b>M17/151 Type • 29 AWG Solid .011" Silver-plated Copper-covered Steel Conductor • Copper-Tin Composite Shield (100% Coverage)</b>																			
<b>TFE Teflon® Insulation • Unjacketed</b>																			
UL AWM	1674A*	—	50	15.2	.2	.1	29 AWG	.034	.85	CT	.047	1.19	50	69.5%	29.5	96.8	500	25.0	82.0
Style 10245			100	30.5	.4	.2	(solid)			Composite							1000	36.7	120.3
(30V 105°C)			500	152.4	2.0	.9	.011"			100% Shield							2000	53.8	176.5
			1000	304.8	5.0	2.3	SPCCS			Coverage							3000	67.3	220.8
							205.0Ω/M'			8.0Ω/M'							5000	89.2	292.8
							672.4Ω/km			26.2Ω/km							7000	107.5	352.6
																	10000	130.9	429.5
																	15000	163.8	537.4
																	18000	181.1	594.3
																	20000	192.0	630.0

**M17/151 Type • 29 AWG Solid .011" Silver-plated Copper Conductor • Copper-Tin Composite Shield (100% Coverage)**

<b>TFE Teflon Insulation • Unjacketed</b>																			
UL AWM	1674B*	—	100††	30.5	.4	.2	29 AWG	.034	.85	CT	.047	1.19	50	69.5%	29.5	96.8	500	25.0	82.0
Style 10245			500††	152.4	2.0	.9	(solid)			Composite							1000	36.7	120.3
(30V 105°C)			1000††	304.8	5.0	2.3	.011"			100% Shield							2000	53.8	176.5
							SPC			Coverage							3000	67.3	220.8
							81.2Ω/M'			8.0Ω/M'							5000	89.2	292.8
							266.4Ω/km			26.2Ω/km							7000	107.5	352.6
																	10000	130.9	429.5
																	15000	163.8	537.4
																	18000	181.1	594.3
																	20000	192.0	630.0

**RG-405/U Type • 24 AWG Solid .020" Silver-plated Copper-covered Steel Conductor • Copper-Tin Composite Shield (100% Coverage)**

<b>TFE Teflon Insulation • Unjacketed</b>																			
UL AWM	1671A*	—	50	15.2	2.0	.9	24 AWG	.062	1.57	CT	.085	2.16	50	69.5%	29.5	96.8	500	15.0	49.2
Style 10245			100	30.5	2.5	1.1	(solid)			Composite							1000	22.2	72.8
(30V 105°C)			500†	152.4	7.5	3.4	.020"			100% Shield							2000	32.8	107.6
			1000†	304.8	14.0	6.4	SPCCS			Coverage							3000	41.2	135.2
							64.2Ω/M'			10.2Ω/M'							5000	54.9	180.1
							210.6Ω/km			33.5Ω/km							7000	66.4	217.9
																	10000	81.2	266.4
																	15000	102.0	334.7
																	18000	113.0	370.8
																	20000	120.0	393.7

Suitable for Outdoor applications.

**TFE Teflon Insulation • PVC Jacket (Black or Clear)**

UL AWM	1671J*	—	100†▲	30.5	2.9	1.3	24 AWG	.062	1.57	CT	.127	3.23	50	69.5%	29.5	96.8	500	15.0	49.2
Style 10245			500†	152.4	9.5	4.7	(solid)			Composite							1000	22.2	72.8
(30V 105°C)			1000†	304.8	17.0	7.7	.020"			100% Shield							2000	32.8	107.6
							SPCCS			Coverage							3000	41.2	135.2
							64.2Ω/M'			10.2Ω/M'							5000	54.9	180.1
							210.6Ω/km			33.5Ω/km							7000	66.4	217.9
																	10000	81.2	266.4
																	15000	102.0	334.7
																	18000	113.0	370.8
																	20000	120.0	393.7

\*100 ft. put-up available in Black only.

Suitable for Outdoor applications.

**RG-405/U Type • 24 AWG Solid .020" Silver-plated Copper Conductor • Copper-Tin Composite Shield (100% Coverage)**

<b>TFE Teflon Insulation • Unjacketed</b>																			
UL AWM	1671B	—	500††	152.4	7.0	3.2	24 AWG	.062	1.57	CT	.085	2.16	50	69.5%	29.5	96.8	500	15.0	49.2
Style 10245			1000††	304.8	13.0	6.0	(solid)			Composite							1000	22.2	72.8
(30V 105°C)							.020"			100% Shield							2000	32.8	107.6
							SPC			Coverage							3000	41.2	135.2
							25.7Ω/M'			10.2Ω/M'							5000	54.9	180.1
							84.3Ω/km			33.5Ω/km							7000	66.4	217.9
																	10000	81.2	266.4
																	15000	102.0	334.7
																	18000	113.0	370.8
																	20000	120.0	393.7

Suitable for Outdoor applications.

CT = Copper-Tin • DCR = DC Resistance • SPC = Silver-plated Copper • SPCCS = Silver-coated Copper-covered Steel • TFE = Tetra Fluoroethylene

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

\*Protected by one or more of U.S. Patent Nos. 4,694,122 and 5,292,001. Patent held in the U.S., Singapore, Australia, Germany, France and England. Patent pending in Japan.

†250 ft. put-up: Exact 3 pieces (maximum), 50 feet minimum length  
 500 ft. put-up: Exact 5 pieces (maximum), 50 feet minimum length  
 1000 ft. put-up: Exact 8 pieces (maximum), 50 feet minimum length

††May contain more than one piece. Min. length of any one piece is 25 ft.

Teflon is a Dupont trademark.