

Wireless Coax

50 Ohm Microwave Cables



De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ()	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/ 100 m
M17/151 Type • 29 AWG • Solid 0.28 mm Silver-Plated Copper-Covered Steel • 100 % Copper-Tin Composite Braid																			
TFE Teflon® Insulation • Unjacketed																			
UL AWM	1674A'		50	15	0.2	0.1	0.279 mm	0.033	0.85	100% CT	0.047	1.19	50	69.5%	29.5	96.8	500	25.0	82.0
Style 10245			100	31	0.4	0.2	29 AWG			Composite							1000	36.7	120.3
(30 V 105°C)			500	152	1.9	0.9	Solid SPCCS			Braid							2000	53.8	176.5
			1000	305	3.7	1.7	698.6 /km*			26.2 /km***							3000	67.3	220.8
							672.4 /km**			1.19 mm							5000	89.3	292.8
																	7000	107.5	352.6
																	10000	130.9	429.5
																	15000	163.8	537.4
																	18000	181.2	594.3
																	20000	192.1	630.0

Available with Silver-Plated Copper CDR (1674B)

RG-405/U Type • 24 AWG • Solid 0.5 mm Silver-Plated Copper-Covered Steel • 100 % Copper-Tin Composite Braid																			
TFE Teflon® Insulation • Unjacketed																			
UL AWM	1671A'		50	15	2.0	0.9	0.5 mm	0.062	1.57	100% CT	0.085	2.16	50	69.5%	29.5	96.8	500	15.0	49.2
Style 10245			100	31	2.4	1.1	24 AWG			Composite							1000	22.2	72.8
(30 V 105°C)			† 500	152	7.5	3.4	Solid SPCCS			Braid							2000	32.8	107.6
			† 1000	305	14.1	6.4	244.1 /km*			33.5 /km***							3000	41.2	135.2
							210.6 /km**			2.16 mm							5000	54.9	180.0
																	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

Available:

1671J - with PVC jacket (Black or Clear)

1671B - with Silver-Plated Copper, unjacketed

Suitable for outdoor applications.

RG-402/U Type • 19 AWG • Solid 0.9 mm Silver-Plated Copper-Covered Steel • 100 % Copper-Tin Composite Braid																			
TFE Teflon® Insulation • Unjacketed																			
UL AWM	1673A'		50	15	3.3	1.5	0.9 mm	0.116	2.95	100% CT	0.138	3.51	50	69.5%	29.5	96.8	500	8.0	26.2
Style 10245			100	31	4.0	1.8	19 AWG			Composite							1000	12.0	39.4
(30 V 105°C)			† 250	76	7.9	3.6	Solid SPCCS			Braid							2000	18.1	59.4
			500	152	15.0	6.8	82.1 /km*			14.8 /km***							3000	22.9	75.1
							67.3 /km**			4.52 mm							5000	31.0	101.7
																	7000	37.8	124.0
																	10000	46.6	152.9
																	15000	59.1	193.9
																	18000	65.8	215.9
																	20000	70.0	229.7

Available:

1673J - with PVC jacket (Black or Clear)

1673B - with Silver-Plated Copper, unjacketed

RG-401/U Type • 14 AWG • Solid 1.65 mm Silver-Plated Copper • 100 % Copper-Tin Composite Braid																			
TFE Teflon® Insulation • Unjacketed																			
UL AWM	1675A'		† 50	15	4.0	1.8	1.65 mm	0.210	5.33	100% CT	0.246	6.25	50	69.5%	29.6	97.1	500	3.8	12.5
Style 10245			†† 100	31	8.1	3.7	14 AWG			Composite							1000	4.4	14.4
(30 V 105°C)			†† 250	76	20.3	9.2	Solid SPC			Braid							2000	6.8	22.3
			†† 500	152	40.6	18.4	34.4 /km*			26.2 /km***							3000	10.4	34.1
							8.2 /km**			6.25 mm							5000	13.4	44.0
																	7000	18.5	60.7
																	10000	22.8	74.8
																	15000	28.4	93.2
																	18000	36.6	120.1
																	20000	41.0	134.5

Available with Clear PVC jacket (1675J)

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • CT = Copper-Tin • SPC = Silver-Plated Copper •

SPCCS = Silver-Plated Copper-Covered Steel

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.

† 76 m put-up: Exact 3 pieces (maximum), 15 m (50 ft.) minimum length.

152 m put-up: Exact 5 pieces (maximum), 15 m (50 ft.) minimum length.

305 m put-up: Exact 8 pieces (maximum), 15 m (50 ft.) minimum length.

†† May contain more than one piece, minimum length of any one piece is 7.6 m (25 ft.).

Teflon® is a DuPont trademark.