

Mini-coaxial Cable



UL / CSA Listing (UL) CMG c(UL) 75°C

Meets UL 444 FT-4 Burn Requirements

Various Outside Diameters to meet your specific needs.

Engineered to provide optimal VSWR, minimized attenuation and impedance control.

Single coax or zip construction available.

Applications: RF, wireless, antenna and broadband transmission.

RoHS and REACH Compliant.

INDUSTRIAL

Part Number	Impedance Ω (TDR)	Jacket O.D. Inches (mm) Type / Color	Conductor AWG (Stranding) Coating	Dielectric O.D. Inches (mm) Type	Shield AWG Braid / Co Type	Conductor Resistance Ω /Mft. @ 20C (Ω /km)	Time Delay ns/m (ns/ft) nom	Capacitance pF/ft. (pF/m)	Attenuation - dB/ft (dB/m)						
									100 MHz	1.0 GHz	2.0 GHz	3.0 GHz	4.0 GHz	5.0 GHz	6.0 GHz
40711-1-000-S-01000	50 +/- 2	0.195 (4.953) Poly O / Black	19 (1/19) BC	0.110 (0.279) Cellular Poly O	36 DSB-TC	7.6 (25)	1.27 (4.17)	25 (83)	0.03 (0.10)	0.12 (0.40)	0.17 (0.55)	0.23 (0.75)	0.26 (0.85)	0.29 (0.95)	0.31 (1.02)
40386-2-000-S-01000	50 +/- 3	0.105 x 0.22 (2.667 x 5.588) PVC / Black	25 (1/25) SC Clad steel	0.060 (1.524) Poly O	38 SB-TC Alum Tape	8.1 (2.66)	1.53 (5.02)	31 (102)	0.07 (0.21)	0.25 (0.82)	0.37 (1.21)	0.50 (1.64)	0.51 (1.67)	0.58 (1.90)	0.66 (2.17)
40659-1-000-S-01000	50 +/- 3	0.110 (2.794) PVC / Black	25 (1/25) BC copperweld	0.060 (1.524) Poly O	38 DSB-TC	81 (266)	1.53 (5.02)	31 (101)	0.08 (0.26)	0.24 (0.79)	0.35 (1.15)	0.50 (1.64)	0.57 (1.87)	0.64 (2.10)	-
40549-1-900-S-01000	50 +/- 2	0.072 (1.829) FEP / White	26 (7/34) SC	0.045 (1.143) FEP	36 SB-SC	37 (121)	1.20 (3.94)	24 (79)	0.10 (0.33)	0.32 (1.05)	-	-	-	-	-
40551-1-400-S-01000	50 +/- 2	0.071 (1.803) FEP / Yellow	26 (7/34) SC	0.046 (0.151) Cellular FEP	40 SB-TC	37 (121)	1.21 (3.97)	24 (79)	0.10 (0.31)	0.34 (1.11)	-	-	-	-	-
40236-1-999-S-01000	50 +/- 5	0.075 (1.910) FEP / Natural	28 (1/28) SC	0.037 (0.940) FEP	38 SB-SC	68 (223)	1.36 (4.46)	29 (95)	0.10 (0.33)	0.38 (1.23)	0.55 (1.80)	0.81 (2.64)	-	-	-
40194-1-000-S-01000	50 +/- 3	0.072 (1.830) FEP / Black	30 (7/38) SC	0.034 (0.860) FEP	38 SB-SC	97 (321)	1.45 (4.76)	28 (92)	0.14 (0.46)	0.54 (1.77)	0.72 (2.37)	1.12 (3.68)	1.20 (3.94)	1.36 (4.46)	1.50 (4.92)
40505-1-000-S-01000	50 +/- 2	0.052 (1.320) FEP / Black	30 (7/38) SC	0.035 (0.890) Special PFA	44 SB-TC	99 (326)	1.43 (4.69)	29 (95)	0.13 (0.44)	0.43 (1.42)	0.64 (2.11)	0.76 (2.49)	0.96 (3.14)	1.05 (3.43)	1.21 (3.98)
40309-1-000-S-01000	50 +/- 3	0.050 (1.270) FEP / Black	30 (1/30) SC	0.031 (0.790) Special PFA	44 SB-TC	262 (868)	1.43 (4.61)	30 (98)	0.13 (0.43)	0.58 (1.89)	0.70 (2.30)	0.88 (2.90)	0.98 (3.20)	1.13 (3.70)	1.27 (4.16)
40371-1-600-S-01000	50 +/- 3	0.037 (0.94) FEP / Blue	30 (1/30) SC	0.026 (0.660) Cellular PE	44 SB-TSC CU tape	102 (340)	1.32 (4.33)	26 (85)	0.15 (0.49)	0.50 (1.64)	0.88 (2.89)	1.07 (3.50)	1.28 (4.20)	1.52 (5.00)	1.70 (5.57)
40278-1-000-S-01000	50 +/- 3	0.060 (1.524) FEP / Black	31 (7/39) SC Alloy	0.028 (0.710) FEP	44 SB_SC	155 (509)	1.47 (4.82)	31 (101)	0.18 (0.59)	0.70 (2.31)	0.98 (3.20)	1.24 (4.06)	1.46 (4.80)	1.67 (5.49)	1.87 (6.14)
40281-1-800-S-01000	50 +/- 3	0.052 (1.320) FEP / Gray	32 (7/40) SC	0.026 (0.660) Special PFA	44 DSB-TC	182 (597)	1.43 (4.69)	29 (95)	0.18 (0.59)	0.59 (1.94)	0.86 (2.81)	0.99 (3.25)	1.23 (4.02)	1.35 (4.42)	1.55 (5.09)
40322-1-000-S-01000	50 +/- 3	0.044 (1.130) FEP / Black	32 (7/40) SC	0.026 (0.660) Special PFA	44 SB-TC	181 (596)	1.43 (4.69)	29 (95)	0.18 (0.59)	0.59 (1.94)	0.86 (2.81)	1.06 (3.46)	1.24 (4.08)	1.42 (4.66)	1.57 (5.16)
40118-1-160-S-01000	75 +/- 5	0.108 (2.740) PVDF / Beige	30 (7/38) SC	0.060 (1.524) FEP	38 SB-SC	96 (316)	1.46 (4.79)	19 (62)	0.08 (0.26)	0.30 (0.98)	-	-	-	-	-
40137-1-100-S-01000	75 +/- 5	0.120 (3.050) FEP / Brown	30 (7/38) SC	0.060 (1.524) FEP	38 DSB-SC	96 (316)	1.46 (4.79)	19 (62)	0.08 (0.26)	0.30 (0.99)	-	-	-	-	-
40643-1-100-S-01000	75 +/- 3	0.116 (2.946) FEP / Brown	30 (7/38) SC	0.064 (0.210) FEP	38 SB-SC	97 (317)	1.45 (4.79)	19 (62)	0.08 (0.26)	0.30 (0.99)	-	-	-	-	-
49277-1-000-S-01000	75 +/- 5	0.098 (2.490) PVC / Black	30 (7/38) TC	0.052 (1.32) Poly O	38 SB-TC	106 (349)	1.29 (4.23)	18 (62)	0.08 (0.25)	0.29 (0.96)	-	-	-	-	-
40252-1-900-S-01000	75 +/- 5	0.070 (1.780) PVC / White	34 (1/34) Silver CU Clad steel	0.033 (0.840) FEP	40 SB-TC	798 (2625)	1.46 (4.79)	20 (66)	0.05 (0.16)	-	-	-	-	-	-