

# Mini Coaxial

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**UL /CSA Listing:** (UL) CMG c(UL)75°C  
Meets UL 444 FT-4 Burn Requirements

Multiple wire gauges available.  
Various ODs to meet your specific needs.  
Engineered to provide optimal VSWR, minimized attenuation and impedance control.  
See [www.hcm.hitachi.com](http://www.hcm.hitachi.com) for more detailed information.  
Single coax or zip construction available.

Eco-Index: RoHS Values				
<90ppm	<5ppm	<5ppm	<5ppm	<1000ppm
Pb	Cd	Cr+6	Hg	PBDE's PPB's

Series No.	Inner Conductor		Dielectric		Shield		Mini-CX Sheath			Cap. pF/ft. (pF/m)
	AWG (Stranding)	Coating	Material	Dia. Inch (mm)	AWG Braid	Braid/Co Type	Material	CX Dia. Inch (mm)	Color	
40711	19 (1/19)	BC	Cellular Poly O	0.110 (0.279)	36	DSB-TC	Poly O	0.195 (4.953)	Black	25 (83)
40386	25 (1/25)	SC Clad steel	Poly O	0.060 (1.524)	38	SB-TC Alum Tape	PVC	0.105 x 0.22 (2.667 x 5.588)	Black	31 (102)
40659	25 (1/125)	BC copperweld	Poly O	0.060 (1.524)	38	DSB-TC	PVC	0.110 (2.794)	Black	31 (101)
40549	26 (7/34)	SC	FEP	0.045 (1.143)	36	SB-SC	FEP	0.072 (1.829)	White	24 (79)
40551	26 (7/34)	SC	Cellular FEP	0.046 (0.151)	40	SB-TC	FEP	0.071 (1.803)	Yellow	24 (79)
40236	28 (1/28)	SC	FEP	0.037 (0.940)	38	SB-SC	FEP	0.075 (1.910)	Natural	29 (95)
40194	30 (7/38)	SC	FEP	0.034 (0.860)	38	SB-SC	FEP	0.072 (1.830)	Black	28 (92)
40505	30 (7/38)	SC	Special PFA	0.035 (0.890)	44	SB-TC	FEP	0.052 (1.320)	Black	29 (95)
40309	30 (1/30)	SC	Special PFA	0.031 (0.790)	44	SB-TC	FEP	0.050 (1.270)	Black	30 (98)
40371	30 (1/30)	SC	Cellular PE	0.026 (0.660)	44	SB-SC CU Tape	PE	0.037 (0.94)	Blue	26 (85)
40278	31 (7/39)	SC Alloy	FEP	0.028 (0.710)	44	SB-SC	FEP	0.060 (1.524)	Black	31 (101)
40281	32 (7/40)	SC	Special PFA	0.026 (0.660)	44	DSB-TC	FEP	0.052 (1.320)	Gray	29 (95)
40322	32 (7/40)	SC	Special PFA	0.026 (0.660)	44	SB-TC	FEP	0.044 (1.130)	Black	29 (95)
40118	30 (7/38)	SC	FEP	0.060 (1.524)	38	SB-SC	PVDF	0.108 (2.740)	Beige	19 (62)
40137	30 (7/38)	SC	FEP	0.060 (1.524)	38	DSB-SC	FEP	0.120 (3.050)	Brown	19 (62)
40643	30 (7/38)	SC	FEP	0.064 (0.210)	38	SB-SC	FEP	0.116 (2.946)	Brown	19 (62)
49277	30 (7/38)	TC	Poly O	0.052 (1.32)	38	SB-TC	PVC	0.098 (2.490)	Black	18 (62)
40252	34 (1/34)	Silver CU Clad steel	FEP	0.033 (0.840)	40	SB-TC	PVC	0.070 (1.780)	White	20 (66)

# Mini Coaxial

HCM's new Mini-Coaxial cable is fully compliant with Schleuniger's complete line of precision coaxial cable stripping equipment. Our cable, processed on any Schleuniger coaxial cable stripper will ensure repeatable stripping quality time after time.



**Applications:** RF, wireless, antenna and broadband transmission.

Eco-Index: RoHS Values

<90ppm	<5ppm	<5ppm	<5ppm	<1000ppm
Pb	Cd	Cr+6	Hg	PBDE's PPB's



Photo courtesy of Globalstar, Inc

Part No.	Imp @ TDR (Ω)	Cond. Resist. Ω/Mft. @ 20°C (Ω)/km	Attenuation db/ft(db/m)							Time Delay ns/ft (ns/m)
			100 MHz	1 GHz	2 GHz	3 GHz	4 GHz	5 GHz	6 GHz	
40711-1-000-S-01000	50±2	7.6 (25)	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)	1.27 (4.17)
40386-2-000-S-01000	50±3	8.1 (2.66)	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)	1.53 (5.02)
40659-1-000-S-01000	50±3	81 (266)	0.08 (0.26)	0.24 (0.79)	0.35 (1.15)	0.50 (1.64)	0.57 (1.87)	0.64 (2.10)	-	1.53 (5.02)
40549-1-900-S-01000	50±2	37 (121)	0.10 (0.33)	0.32 (1.05)	-	-	-	-	-	1.20 (3.94)
40551-1-400-S-01000	50±2	37 (121)	0.10 (0.31)	0.34 (1.11)	-	-	-	-	-	1.21 (3.97)
40236-1-999-S-01000	50±5	68 (223)	0.10 (0.33)	0.38 (1.23)	0.55 (1.80)	0.81 (2.64)	-	-	-	1.36 (4.46)
40194-1-000-S-01000	50±3	97 (321)	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)	1.45 (4.76)
40505-1-000-S-01000	50±2	99 (326)	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)	1.43 (4.69)
40309-1-000-S-01000	50±3	264 (868)	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)	1.43 (4.61)
40371-1-600-S-01000	50±3	102 (340)	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)	1.32 (4.33)
40278-1-000-S-01000	50±3	155 (509)	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)	1.47 (4.82)
40281-1-800-S-01000	50±3	182 (597)	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)	1.43 (4.69)
40322-1-000-S-01000	50±3	181 (596)	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)	1.43 (4.69)
40118-1-160-S-01000	75±5	96 (316)	0.08 (0.26)	0.30 (0.98)	-	-	-	-	-	1.46 (4.79)
40137-1-100-S-01000	75±5	96 (316)	0.08 (0.26)	0.30 (0.99)	-	-	-	-	-	1.46 (4.79)
40643-1-100-S-01000	75±3	97 (317)	0.08 (0.26)	0.30 (0.99)	-	-	-	-	-	1.45 (4.79)
49277-1-000-S-01000	75±5	106 (349)	0.08 (0.25)	0.29 (0.96)	-	-	-	-	-	1.29 (4.23)
40252-1-900-S-01000	75±5	798 (2625)	0.05 (0.16)	-	-	-	-	-	-	1.46 (4.79)