

# 735 Central Office Coax

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UL /CSA Listing: UL c(UL) CMR  
UL/Style: 1666

Complies with requirements of Bellcore/Telcordia specification GR-139-core.

Operating temperature -40°C to +75°C.

Alternate copper coatings and configurations available.

**APPLICATIONS** Central office, PBX, DS-3, DS-4, 735 and 734 for telecommunications.

Eco-Index: RoHS Values

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



**PHYSICAL CONSTRUCTION DESCRIPTION** Each precision coax is extruded using Hitachi Cable Manchester's unique Flometrics Liquid Film™ extrusion process. After extrusion, each conductor is braided with balanced, tensioned controlled braiders. Each component is then extruded with a PVC jacket. Multi-coax bundles are cabled together then extruded with an overall PVC jacket. Non jacketed, bundled cables are also available. Please contact the factory.

Series No.	Inner Conductor		Dielectric		Shield	Sheath	SRL	Cap. pF/ft. (pF/m)	Imp @ TDR (Ω)	Prop. Delay ns/ft. (ns/m)	Attenuation		
	AWG (Stranding)	Coating	Material	Dia. Inch (mm)	AWG Braid	Material					Freq. MHz	dB 100 ft.	dB 100 m
40358	26 (1/26)	SC	Cellular PE	0.077 (1.96)	PET/Alum +38 AWG TC	PVC (Gray)	30dB min @ 1-90 MHz	17.1 (56.1)	75 ± 3	1.30±.002 (4.26±.12)	1.0	0.50	1.64
40384	26 (1/26)									25dB min@ 1-300 MHz	17.1 (56.1)	1.30±.002 (4.26±.12)	5.0
										10.0	1.15	4.76	
										22.5	2.20	7.22	
										50.0	3.18	10.43	
										100.0	3.74	12.27	
										200.0	4.47	14.67	

Part No.	No. of Coaxes	Jacket OD	
		inches	mm
40358-1-800-S-01000	1	0.126	3.24
40384-6-800-S-01000	6	0.425	10.80
40384-12-800-S-01000	12	0.562	14.27

Other coax counts available upon request. Some minimums exist. Please consult with factory.