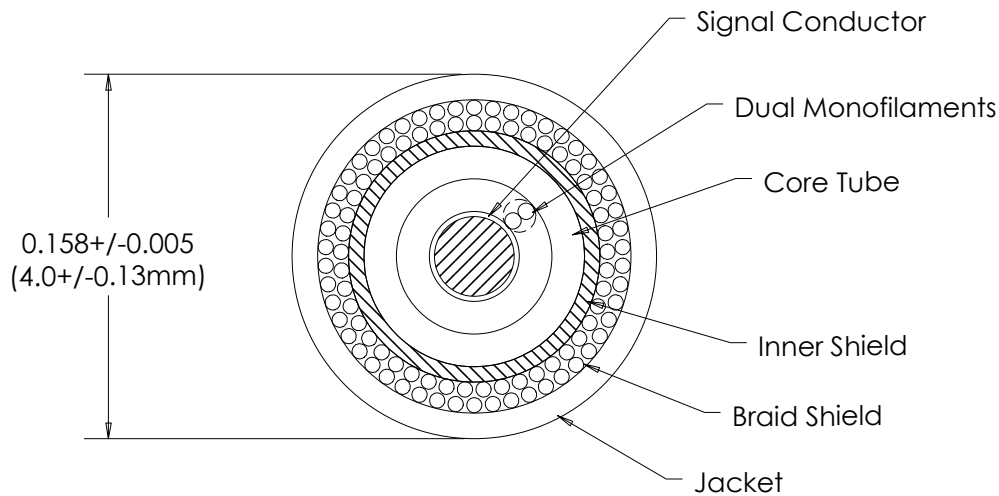


REVISION RECORD			
REV	DESCRIPTION	DFTM	DCR
RD4	Filament Wrap & Braid Adjustment	KP, SB	
X1	Updated Prop Delay & Changed to Rev. X	JS	2319



CONSTRUCTION

Signal Conductor: 0.0453" +/- 0.0002" (1.15 +/- 0.005mm), Silver Plated Copper per ASTM B-298
 Insulation: FEP, 0.0025" Wall Thickness, Blue
 Dual Monofilaments: PFA, Blue
 Setup: Dual Monofilaments twisted in a pair and helically wrapped around Signal Conductor
 Core Tube: FEP per applicable paragraph MIL-DTL-17, 0.121" +/- 0.002" (3.07 +/- 0.05mm) OD
 Inner Shield: Helically Overlapped Flat Silver Plated Copper per ASTM B-298
 Braid Shield: 44 AWG Silver Plated Copper per ASTM B-298, >85% Coverage
 Overall Shield Diameter: 0.138" +/- 0.002" (3.5 +/- 0.05mm)
 Jacket: FEP in accordance with MIL-DTL-17, Type IX
 Wall Thickness: 0.010" (0.25mm)
 Color: Blue

ELECTRICAL

Impedance: 50 +/- 1 ohms
 Propagation Delay: 1.200 +/- 0.01 ns/ft (3.94 ns/m)
 Velocity Of Propagation: 85%
 Capacitance: 23.8 pF/ft (77.0 pF/m)

GENERAL

Weight: 24.5 lbs/kft (36.5 kg/km)



U.S. Patent No. 6,812,401

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	26 Milford Road South Grafton, MA 01560 Phone: 508-839-5987 Fax: 508-839-4128			
	DFTM: JS	DATE: 10/12/10	TITLE: Low Loss Microwave Coax, 17 AWG	
	APPD: KP	DATE: 10/12/10		
			PART No:	141X-1701
			SHEET 1 OF 1	REV: X1