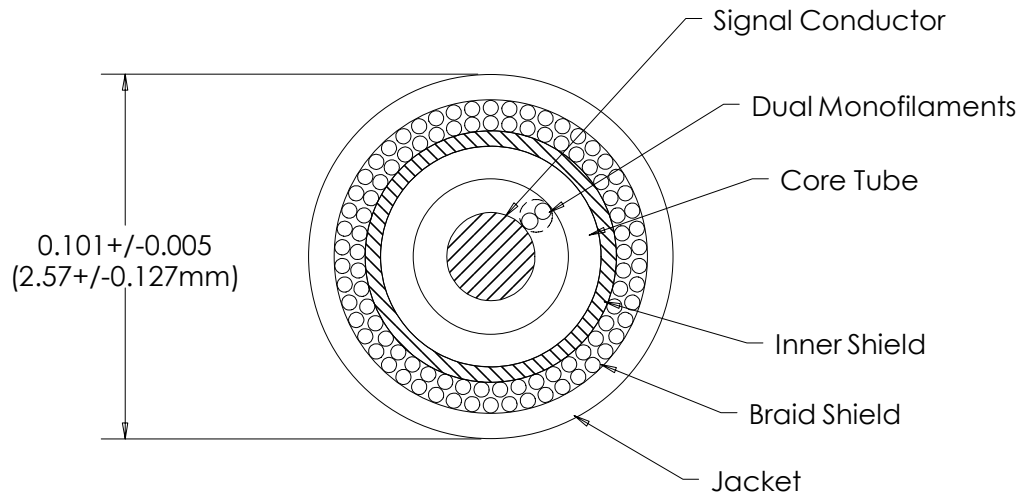


REVISION RECORD			
REV	DESCRIPTION	DFTM	DCR
RD4	Update Cable Construction. See Attached.	RL	2270
1	Braid and Flat Shield Raw Material Part # Change. See Attached	RL	2437



### CONSTRUCTION

Signal Conductor: 0.0253" +/- 0.0002" (0.647 +/- 0.005mm), Silver Plated Copper per ASTM B-298

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, 0.066" +/- 0.0005" (1.68 +/- 0.013mm) OD

Inner Shield: Helically Overlapped Flat Silver Plated Copper per ASTM B-298

Braid Shield: 40 AWG Silver Plated Copper per ASTM B-298, >90% Coverage

Overall Shield Diameter: 0.086" +/- 0.002" (2.18 +/- 0.05mm)

Jacket: FEP in accordance with MIL-DTL-17, Type IX

Wall Thickness: 0.008" (0.20mm)

Color: Blue

### ELECTRICAL

Impedance: 50 +/- 1 ohms

Propagation Delay: 1.175 +/- 0.01 ns/ft (3.86 ns/m)

Velocity Of Propagation: 87%

Capacitance: 23.4 pF/ft (77.3 pF/m)

### GENERAL

Weight: 12.4 lbs/1000ft (18.4 kg/km)



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

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CAGE CODE: 0CGL7

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DFTM: RL

DATE: 1/7/11

TITLE:

Low Loss Microwave Coax,  
22 AWG

PART No:

**086-2201**

APPD: KP

DATE: 1/7/11

SHEET 1 OF 1

REV: 1