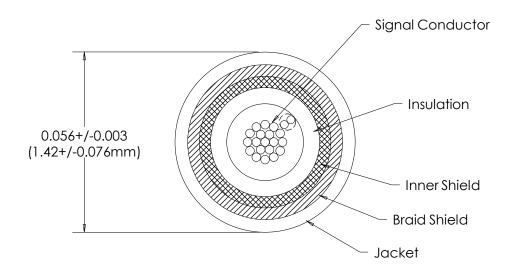
26 Milford Road S. Grafton, MA 01560 Phone: (508)839-5987 Fax: (508) 839-4128

| TITLE                                       | PART No. | REV | PAGE   |
|---|----------|-----|--------|
| 28 AWG Low Loss Flexible,<br>Microwave Coax | 047-2819 | Х3  | 1 of 1 |



## CONSTRUCTION

Signal Conductor: 0.0145"+/-0.0005" (0.37+/-0.0135mm), Silver Plated Copper per ASTM B-298 Insulation: FEP per applicable paragraph MIL-DTL-17, 0.0365"+/-0.001" (0.935+/-0.025mm) OD

Inner Shield: Helically Overlapped Flat Silver Plated Copper per ASTM B-298 Braid Shield: Flat Silver Plated Copper per ASTM B-298, >85% Coverage

Overall Shield Diameter: 0.046"+/-0.002 (1.12+/-0.05mm)

Jacket: Polyurethane (85A durometer) Wall Thickness: 0.005" (0.127mm)

Color: Black

## **ELECTRICAL**

Impedance: 50+/-1 ohms

Propagagtion Delay: 1.180 ns/ft Velocity Of Propagation: 85% Capacitance: 23.5 pF/ft (77 pF/m)

## **GENERAL**

Temperature Rating: -45C to 80C

Static Bend Radius: TBD Dynamic Bend Radius: TBD

Weight: TBD Patent Pending



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|--|------|------------------------------|---|---------|--------|
|  | 2159 | Propagation Delay Correction | KP  | 3/17/10 |        |
|  | Х3   | 2441                         | Braid and Flat Shield Raw Material Part # Change. See Attached. | KP      | 1/7/11 |