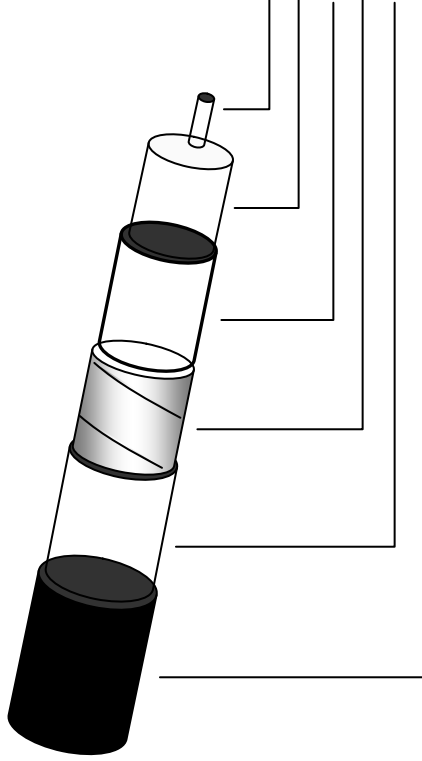




## TIMES MICROWAVE SYSTEMS



Center Conductor	0.177"	Stranded Silver Plated Copper
Dielectric	0.454"	PE Foam
Shield	0.466"	SPC Flat Braid
Interlayer	0.471"	Metalized Polyester
Outer Braid	0.500"	Tin Plated Copper Braid
Jacket	0.590"	Black FR Polyurethane

### Mechanical Characteristics

Diameter: 0.595" maximum  
 Minimum Bend Radius (Static) 3.0"  
 Operating Temperature -55° to +85°C  
 Weight 220-lbs/1000 ft

### Electrical Characteristics

Characteristic Impedance 50 Ohms nominal  
 Velocity of Propagation 83% nominal  
 Capacitance 24.1 pf/ft nominal  
 Delay 1.20 nsec/ft nominal  
 Shielding -90 dB minimum  
 Insertion Loss: To calculate Insertion Loss Use  
 $I \text{ Loss} = 0.09317 \times \sqrt{\text{freq (MHz)}} + 0.000323 \times \text{freq (MHz)}$  yields db/100 feet

**High Performance RF cable**  
**TCOM600FS**  
 41421

Date: February 24, 2009  
 Revision: A

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Unless specified all dimensions in inches.

## TIMES MICROWAVE SYSTEMS

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**AA-6296**