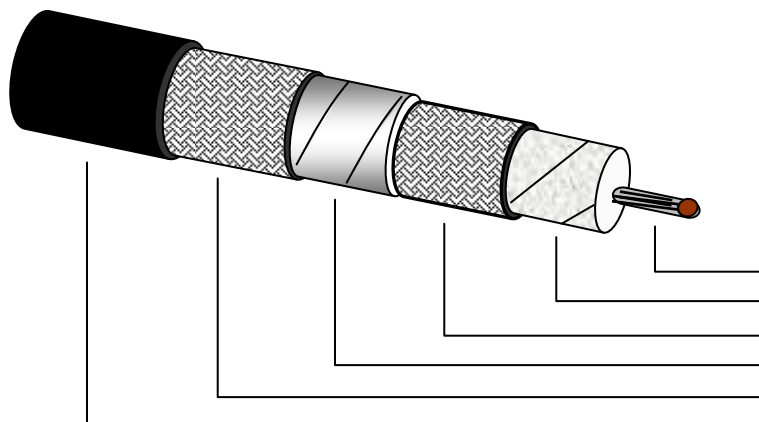




TIMES MICROWAVE SYSTEMS

LTR	DESCRIPTION	DATE	BY
--	INITIAL RELEASE	12/29/2004	JCL
--A	ADD SILVER THICKNESS	3/5/2010	JCL
--B	UPDATE	12/16/2010	eP
--C	ADD I.LOSS CALC	6/18/2011	eP



Center Conductor	0.0755"	Stranded Silver Plated Copper
Dielectric	0.220"	Microporus PTFE
Shield	0.231"	Silver Plated Copper
Interlayer	0.243"	Metalized Kapton
Outer Braid	0.271"	Silver Plated Copper Braid
Jacket	0.400"	Black Polyurethane

Mechanical Characteristics

Diameter: 0.400" nominal
 Minimum Bend Radius (Static) 3.0"
 Operating Temperature -40^o to +90^oC
 Weight 130-lbs/1000 ft
 Silver thickness on braid 50u' min per ASTM B298

Electrical Characteristics

Characteristic Impedance 50 Ohms nominal
 Velocity of Propagation 76% nominal
 Capacitance 26.5 pf/ft nominal
 Delay 1.34 nsec/ft nominal
 Shielding -90 dB minimum
 Insertion Loss: I Loss = 0.1922 X sqrt freq
 (MHz) + 0.0001423 X freq MHz yields db/100 feet

High Performance RF cable QEAM 400 51863	Date: June 18, 2011 Revision: C E. Pallanti	TIMES MICROWAVE SYSTEMS Wallingford, CT. 06492-5039 CAGE 68999
www.timesmicrowave.com	Unless specified all dimensions in inches.	AA-9350

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