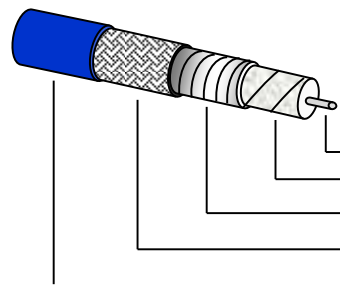




TIMES MICROWAVE SYSTEMS

LTR	DESCRIPTION	DATE	BY
--A	INITIAL RELEASE	5/3/2017	Ep
--B	CDC 47630 Update Delay	9/26/17	MS
--C	CDC 48113- Velocity	1/3/18	MS



Center Conductor	0.0201"	Silver Plated Copper
Dielectric	0.056"	Microporous PTFE
Shield	0.063"	Silver Plated Copper
Outer Braid	0.077"	Silver plated Copper
Jacket	0.087"	Blue FEP

Mechanical Characteristics

Diameter: 0.090" maximum
 Minimum Bend Radius (Static) 0.375" (centerline)
 Operating Temperature -55⁰ to +150⁰C
 Weight 10.0-lbs/1000 ft

Electrical Characteristics

Characteristic Impedance 50 Ohms nominal
 Velocity of Propagation 80% nominal
 Capacitance 24.6 pf/ft nominal (80.7 pF/meter)
 Delay 1.24 ns/ft nominal (4.07ns/meter)
 Shielding -90 dB minimum
 Insertion Loss 0.844 dB/Ft @ 18 GHz
 IL = 0.611 x √ Freq* + 0.0001356 x Freq* (*MHz) dB/100'

High Performance RF Cable HF-090	Date: JAN 03, 2018 Revision: --C Maria Salib	TIMES MICROWAVE SYSTEMS Wallingford, CT. 06492-5039 CAGE 68999
	www.timesmicrowave.com	Unless specified all dimensions in inches.

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