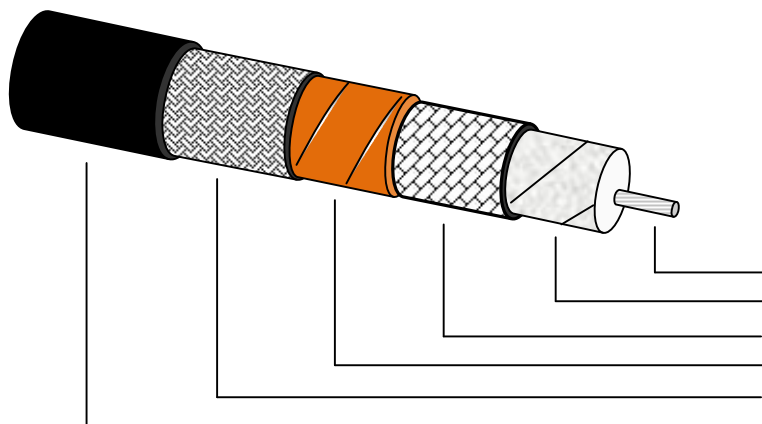




**TIMES MICROWAVE SYSTEMS**

LTR	DESCRIPTION	DATE	BY
--A	INITIAL RELEASE	12/3/2007	Ep
--B	UPDATE DWG FORMAT	4/15/2013	EP
--C	.405" was .407"	6/3/2015	Ep



Center Conductor	0.131"	Stranded Silver Plated Copper
Dielectric	0.361"	Microporous PTFE
Shield	0.371"	SPC Flat Braid
Interlayer	0.376"	Metalized Polyimide
Outer Braid	0.405"	Silver Plated Copper Braid
Jacket	0.500"	Black FR Polyurethane

**Mechanical Characteristics**

Diameter: 0.510" maximum  
 Minimum Bend Radius (Static) 2.750" (centerline)  
 Operating Temperature -55<sup>0</sup> to +85<sup>0</sup>C  
 Weight 215-lbs/1000 ft

**Electrical Characteristics**

Characteristic Impedance 50 Ohms nominal  
 Velocity of Propagation 80% nominal  
 Capacitance 25.0pf/ft nominal  
 Shielding -90 dB minimum  
 Insertion Loss 0.133 dB/Ft @ 10 GHz  
 To calculate Insertion Loss for other Frequencies Use:  
 IL = 0.1197 x √ Freq\* + 0.000133 x Freq\* (\*MHz) dB/100ft

<b>High Performance RF cable</b> <b>QEAM 500</b> 51544	<b>Date: June 3, 2015</b> <b>Revision: --C</b> By Ed Pallanti	<b>TIMES MICROWAVE SYSTEMS</b> Wallingford, CT. 06492-5039 CAGE 68999
<a href="http://www.timesmicrowave.com">www.timesmicrowave.com</a>	Unless specified all dimensions in inches.	<b>AA-8019</b> <b>Rev --C</b>

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