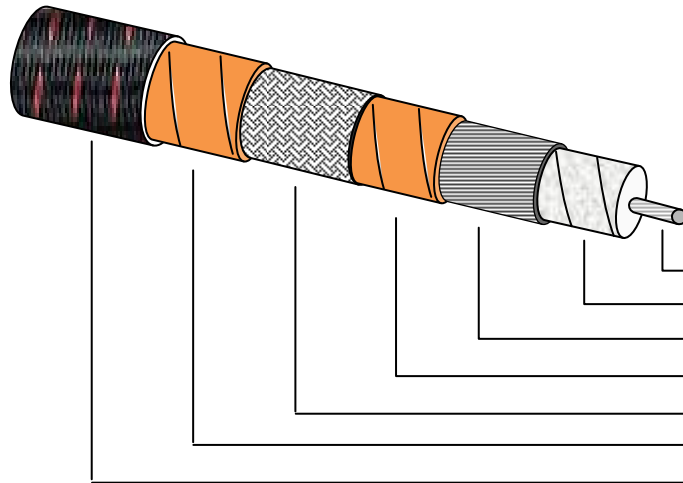




**TIMES MICROWAVE SYSTEMS**



Center Conductor	Stranded Silver Plated Copper
Dielectric	Microporus PTFE
Shield	Silver Plated Copper
Interlayer	Metalized Polyimide Tape
Outer Braid	Tin Plated Copper Braid
Jacket	PS Polyimide
Abrasion Jacket	Black Nomex w/Tracer

**Mechanical Characteristics**

Diameter: 0.655" maximum  
 Minimum Bend Radius (dynamic) 4.0" nominal  
 Operating Temperature -65<sup>0</sup> to +150<sup>0</sup>C  
 Weight 350-lbs/1000 ft

**Electrical Characteristics**

Characteristic Impedance 50 Ohms nominal  
 Velocity of Propagation 76.5% nominal  
 Shielding -90 dB min (0.5-8.5 GHz)  
 Insertion Loss 0.090 dB/Ft @ 8.5 GHz  
 $IL = 0.08435 \times \sqrt{\text{Freq}^*} + 0.0001444 \times \text{Freq}^*$  (\*MHz) dB/100ft

<p><b>High Performance RF cable</b>  AA-9007</p>	<p><b>Date: 1/6/2012</b> <b>Revision: -B</b></p>	<p><b>TIMES MICROWAVE SYSTEMS</b> Wallingford, CT. 06492-5039 CAGE 68999</p>
<p><a href="http://www.timesmicrowave.com">www.timesmicrowave.com</a></p>		<p><b>MT650</b></p>

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