

**HS125****Construction**

	<b>Material</b>	<b>Diameter (mm)</b>
Inner Conductor	Bare Copper	<b>1.25</b>
Dielectric	Foam PE	<b>5.50</b>
First Shield	Overlapped Copper Foil	5.65
Second Shield	Bare Copper wire Braid (60%)	<b>16/6/0.12</b>
Jacket	PVC	<b>7.80</b>

**Electrical Characteristics**

Impedance ( $\Omega$ )	75 $\pm$ 3
Capacitance (pF/m)	52 $\pm$ 2
Velocity of Propagation (%)	85.0
Return Loss	
5-470 MHz (dB)	$\geq$ 23
470-860 MHz (dB)	$\geq$ 20
860-2150 MHz (dB)	$\geq$ 18
Screening Effectiveness	
30-1000 MHz (dB)	$\geq$ 75
1000-2150 MHz (dB)	$\geq$ 65

**Attenuation ( @20 °C)**

Frequency(MHz)	Max Attenuation (dB/100m)
5	1.5
50	3.5
100	5.0
200	7.5
460	11.5
860	15.5
1000	17.0
1750	22.0
2150	26.0