

HS100**Construction**

	Material	Diameter (mm)
Inner Conductor	Bare Copper	1.00
Dielectric	Foam PE	4.60
First Shield	Overlapped Copper Foil	4.75
Second Shield	Bare Copper wire Braid (55%)	16/6/0.10mm
Jacket	PVC	6.55

Electrical Characteristics

Impedance (Ω)	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	1.6
50	4.6
100	6.5
200	9.5
460	15.0
860	19.5
1000	21.5
1750	29.0
2150	32.5