

**P3 412****Construction**

	Material	Diameter (mm)
Inner Conductor	CCA-Copper Clad Aluminum	2.26
Dielectric	Foam PE	9.19
First Shield	Solid Aluminum tube	0.61 (thickness)
Jacket	PE	12.07

**Electrical Characteristics**

Impedance ( $\Omega$ )	75 $\pm$ 3
Capacitance (pF/m)	52 $\pm$ 2
Velocity of Propagation (%)	87.0
Return Loss	
5-1000 MHz (dB)	$\geq$ 22
Screening Effectiveness	
5-1000 MHz (dB)	$\geq$ 100

**Attenuation ( @20 °C)**

Frequency(MHz)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
5	0.20	0.66
55	0.69	2.26
83	0.86	2.82
211	1.41	4.63
250	1.54	5.05
300	1.70	5.58
350	1.87	6.14
400	1.97	6.46
500	2.24	7.35
600	2.47	8.10
750	2.78	9.12
865	3.00	9.84
1000	3.27	10.73