



PIII 500JCAM109

Construction	Material	Diameter(mm)
Inner Conductor	Copper Clad Alumium	2.77
Dielectric	Foamed PE	11.43
First Shield	Seamless Aluminum tube(thickness)	0.61
Jacket	PE	14.22
Messenger	Galvanized Steel	2.77

Electrical Characteristics

Capacitance(pF/m)	50±3
Impedance(Ω)	75±3
Velocity of Propagation(%)	87
Retrun Loss(dB)	≥20
Shielding Effectiveness(dB)	≥100

Attenuation (20 °C)

Frequency(Mhz)	Max Attenuation(dB/100ft)	Max Attenuation(dB/100m)
5	0.16	0.52
55	0.54	1.77
83	0.66	2.17
211	1.09	3.58
250	1.20	3.94
300	1.31	4.30
350	1.43	4.69
400	1.53	5.02
500	1.73	5.68
600	1.91	6.27
750	2.16	7.09
865	2.34	7.68
1000	2.52	8.27