

P3 500M**Construction**

	Material	Diameter (mm)
Inner Conductor	CCA-Copper Clad Aluminum	2.77
Dielectric	Foam PE	11.43
First Shield	Solid Aluminum tube	0.61 (thickness)
Jacket	PE	14.22
Messenger	Galvanized Steel	2.77

Electrical Characteristics

Impedance (Ω)	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	0.16	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