

TESTING REPORT

500M TRUNK CABLE

Description	Standard		Testing Result
Physical Specification			
Center Conductor Diameter	2.77±0.03mm		2.77mm
Diameter Over Dielectric	11.43±0.10 mm		11.48mm
Diameter Over Outer Conductor	12.70±0.10mm		12.78mm
Nominal Thickness of AluminumTube	0.64 mm		0.64mm
Diameter Over Jacket	14.22±0.20 mm		14.30mm
Diameter of Steel Messenger	2.77±0.03mm		2.77mm
Indentification Marking	VICOM .500 SEAMLESS MESSENGER COAXIAL CABLE 4600017505 ETB.S.A.ESP 0020002000634 2019 0001M		
Electrical Specification			
Impedance	75 ± 2 Ohms		76.68 ohms
Return Loss	5~1000MHz	≥30dB	31.5dB
Attenuation (20℃) dB/100m	5MHz	≤0.52	0.503
	55MHz	≤1.77	1.698
	211MHz	≤3.58	3.392
	450MHz	≤5.35	5.036
	750MHz	≤7.09	6.620
	1000MHz	≤8.27	7.823
Minimum Bend Radius in (mm)	15.2cm (1 time)		Pass
Final Conclusion :	QC PASS		



