

Part No. WCBA-WC123.5F.NMXXX Series

18GHz WC12 Flexible Cable Assembly 3.5mm(F) - N(M) Phase match $\pm 1.5^\circ$ @8GHz



Features:

- Low Loss, Low VSWR
- High Reliability



WC12 Raw Cable Electrical Specification

Cut-Off Frequency	34.2GHz
Frequency	1 2 3 5 10 18 GHz
Attenuation	0.381 0.558 0.705 0.948 1.447 2.106 dB/m max.
Capacitance	29.4Pf/Ft
Velocity of Propagation	70%
Shielding Effectiveness	<-95dB
Impedance	50 ohm
Bend Radius	0.9"

WC12 Raw Cable Mechanical / Material Specification

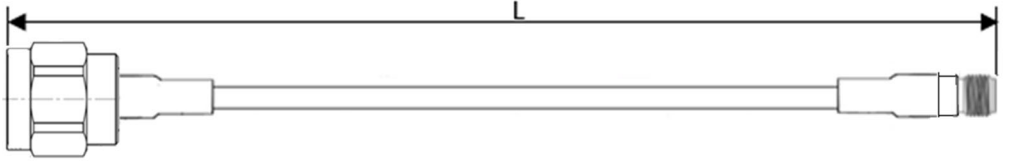
Description	Material	Diameter
Center Conductor	SCCS	0.037 inch
Dielectric	Solid PTFE	0.117 inch
Inner Braid	Flat Silver Plated Copper Strip	0.128 inch
interlayer	Aluminum Polimide Polyester tape	0.133 inch
Outer Braid	Round Silver Plated Copper	0.149 inch
Jacket	FEP	0.172 inch

WC12 Raw Cable Environmental Specification

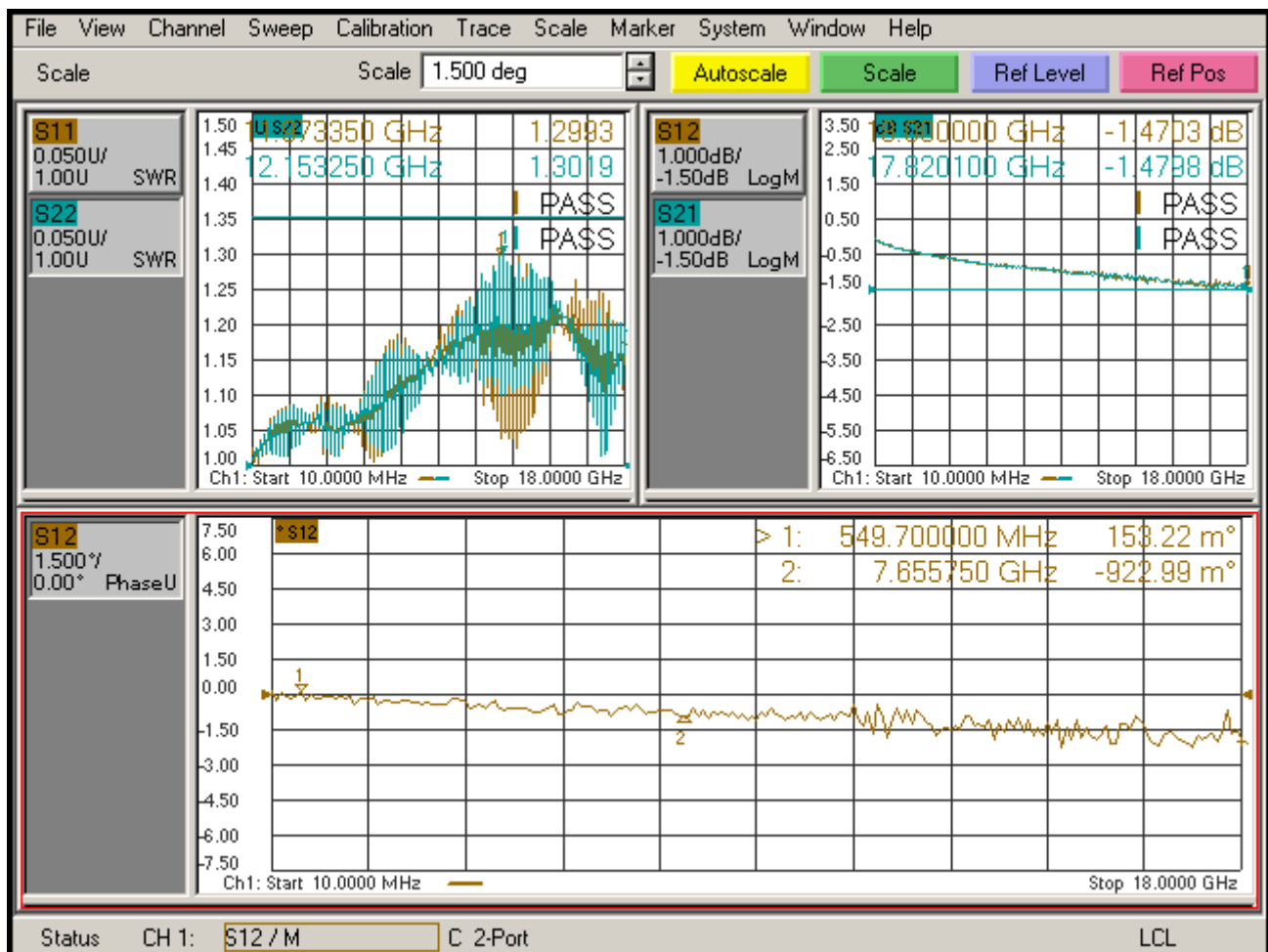
Operating Temperature	-55 ~+200°C
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Cable Assembly Specification

18GHz WC12 Flexible Cable Assembly 3.5mm(F) - N(M) Phase match $\pm 1.5^\circ$ @8GHz

Part No.	WCBA-WC123.5F.NMXXX (XXX:Length,Unit: Meters)
Frequency	18GHz (max.)
Connection 1	3.5mm Female
Connection 2	N Male
VSWR	1.35:1(max.)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	

Test Report



3.5mm(F)-N(M) 0.6M