

0.8 mm Cable Assemblies (DC to 145 GHz)

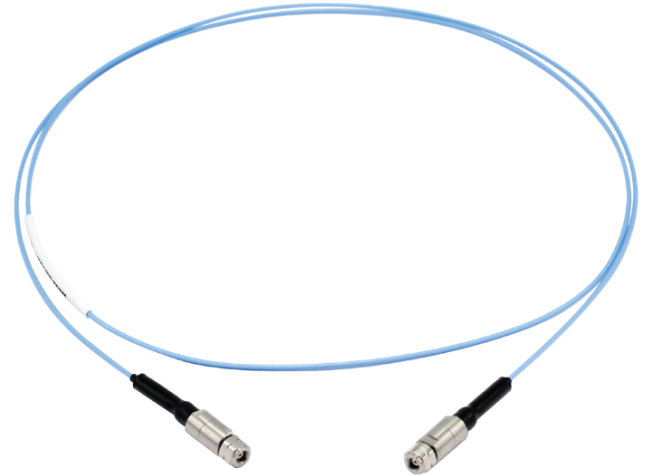


0.8 mm Cable Assemblies (DC to 145 GHz)

Withwave's 0.8 mm Cable Assembly is complete line of high performance flexible microwave cable with 1.30 mm out diameter and it has excellent electrical performance up to 145 GHz. It is suitable for D-band test measurement in next generation 5G and 6G communication.

Features

- Center Conductor : Silver Plated Copper
- Insulator : Solid PTFE
- Outer Conductor 1 : Silver Plated Copper Tape
- Outer Conductor 2 : Silver Plated Copper
- Jacket : FEP



Cable Specification

Scope	Items	Specification
Electrical	Operation Freq.(GHz)	DC to 145 GHz
	Impedance	50 Ohm
	VSWR(Max.)	1.65 : 1 (DC to 145 GHz)
	Velocity of Propagation	70 %
	Shielding Effectiveness (dB)	90
	Voltage Withstand (V,DC)	350
Mechanical & Environmental	Bend Radius : installation (mm)	7
	Bend Radius : repeated (mm)	13
	Weight (g/m)	7
	Temp, Operating & Installation (°C)	-55 ~ +125
	Temp, Storage (°C)	-55 ~ +125

Test Result

Part No.: W602-DM1DM1-1M

- Freq : DC to 145 GHz
- Connector : 0.8 mm(Male)
0.8 mm(Male)
- Cable Length : 1 meter

