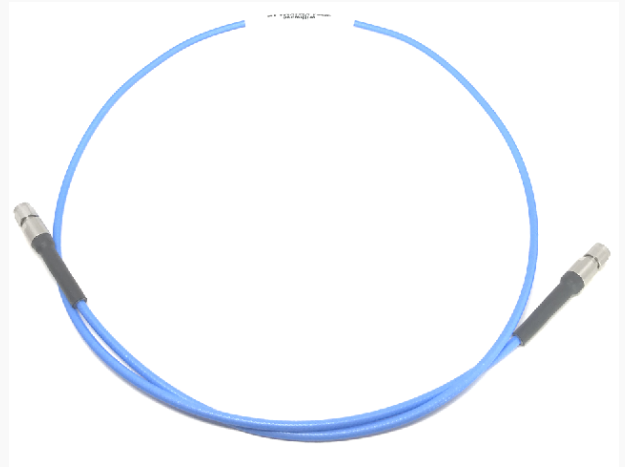


W2 Series are complete line of high performance flexible microwave cable assemblies. Specially, **W204 Series** have low density PTFE structure to achieve velocity propagation of 76 % and **good phase and amplitude stability performance**. **W204 series** have excellent RF performance up to 26.5, 40 & 50 GHz with SMA, 2.92 mm & 2.4 mm connectors, respectively.

■ **Features**

- Center Conductor : Silver Plated Copper
- Insulator : Low Density PTFE
- Outer Conductor 1 : Silver Plated Copper Ribbon
- Inner layer : PCA/PTFE
- Outer Conductor 2 : Silver Plated Copper
- Jacket : FEP/PUR (Blue)



■ **Specification**

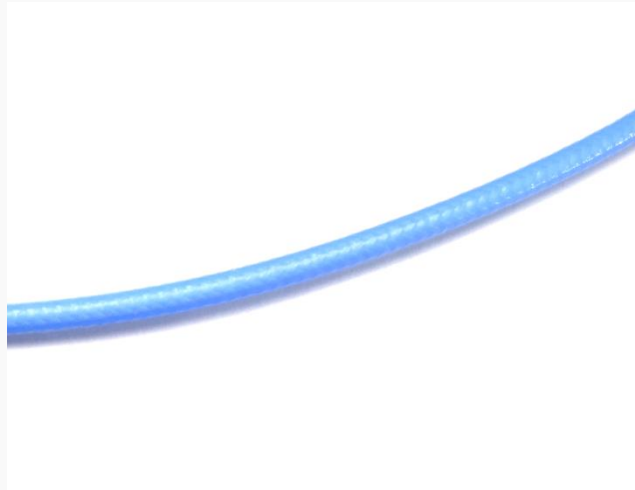
Scope	Specification	W204 (26.5, 40 & 50 GHz)
Physical	Center Conductor (mm)	0.72
	Insulator (mm)	2.21
	Outer Conductor 1 (mm)	2.40
	Buffer layer (mm)	2.80
	Outer Conductor 2 (mm)	3.15
	Jacket (mm)	3.60
Electrical	Characteristic Impedance (Ohm)	50 ± 1 Ohm
	Velocity of Propagation (%)	Typical 76
	Shielding Effectiveness(dB)	-90
	VSWR (Max)	< 1.3
	Amplitude Stability (dB)	<± 0.03 (up to 40 GHz) <± 0.05 (up to 50 GHz)
Mechanical & Environmental	Phase Stability (degree)	<±3 (up to 40 GHz) <± 5 (up to 50 GHz)
	Weight (g/M)	34
	Min. bending radius (mm)	18 (Installation) 36 (Repeated)
	Operating Temperature	-55 ~+165°C

■ **Test Result**

W204 cable assembly

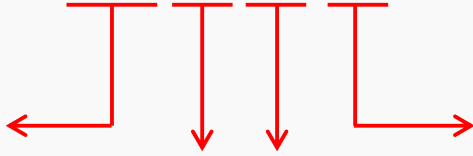
Part No. : W204-KM1KM1-1M

- Frequency : 10 MHz to 40 GHz
- Connector : 2.92 mm (Male)
- Cable Length : 1 meter



■ **Selection Guide**

W204- KM1KM1 - 1M



Cable Type

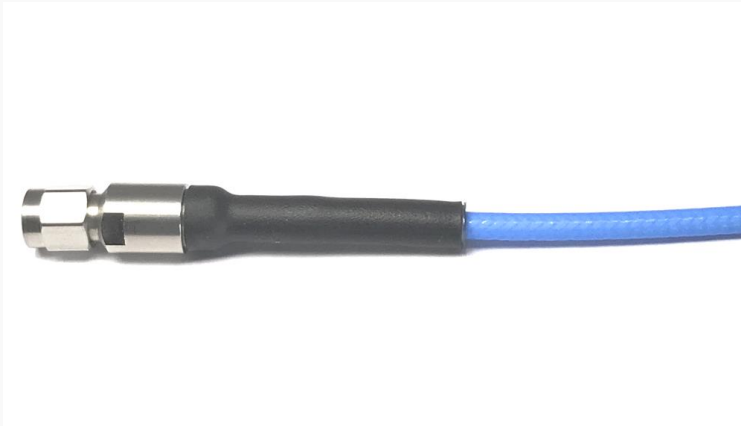
W204

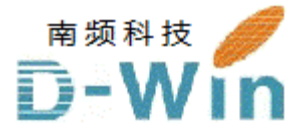
Connector Type

- SM1: SMA Male
- SF1 : SMA Female
- KM1: 2.92 mm Male
- KF1: 2.92 mm Female
- 2M1: 2.4 mm Male
- 2F1 : 2.4 mm Female

Cable Length

Unit : Meter





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