

MINIBEND L-2.5, SMA (male), SMA (male), low loss, 50 Ohm, 26.5 GHz, 2.5 in, 63.5 mm

MINIBEND L-2.5

Properties

- Applicable in frequencies up to 26.5 GHz
- Part of the "bend-to-the-end" MINIBEND product family
- Direct replacement for 086 size Semi-Rigid cables
- Solderless cable junction
- Compliant to MIL-DTL-17 (cable) and MIL-PRF-39012 (connectors)
- Low loss PTFE dielectric



Product configuration		
Type of cable		MINIBEND L (32024)
Type description connector A		29094C-32-24
Series connector A		SMA, straight - plug
Type description connector B		29094C-32-24
Series connector B		SMA, straight - plug
Length		63.5 mm
Length		2.5 inch
Length type		REF to REF

Electrical data		
Impedance		50 Ω
Max. operating frequency		26.5 GHz
VSWR max		1.4
Propagation velocity		76 %

Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 1 GHz	22.06 dB	1.16	0.13 dB
1 GHz ... 12.4 GHz	19.08 dB	1.25	0.33 dB
12.4 GHz ... 18 GHz	16.53 dB	1.35	0.44 dB
18 GHz ... 26.5 GHz	15.56 dB	1.4	0.54 dB

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Mechanical data	
Cable diameter	2.64 mm
Static bending radius	5.08 mm
Dynamic bending radius	15.24 mm
Environmental data	
Operation temperature	-55 °C ... 125 °C
Ordering information	
Item number	Item description
80360176	MINIBEND L-2.5

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