

# MINIBEND L-14, SMA (male), SMA (male), low loss, 50 Ohm, 26.5 GHz, 14 in, 355.6 mm

## MINIBEND L-14

### 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	355.6 mm
Length	14 inch
Length type	REF to REF

Electrical data	
Impedance	50 $\Omega$
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	0.35 dB
1 GHz ... 12.4 GHz	19.08 dB	1.25	1.03 dB
12.4 GHz ... 18 GHz	16.53 dB	1.35	1.28 dB
18 GHz ... 26.5 GHz	15.56 dB	1.4	1.57 dB

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<b>Mechanical data</b>	
Cable diameter	2.64 mm
Static bending radius	5.08 mm
Dynamic bending radius	15.24 mm

  

<b>Environmental data</b>	
Operation temperature	-55 °C ... 125 °C

  

<b>Ordering information</b>	
Item number	Item description
80337209	MINIBEND L-14

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