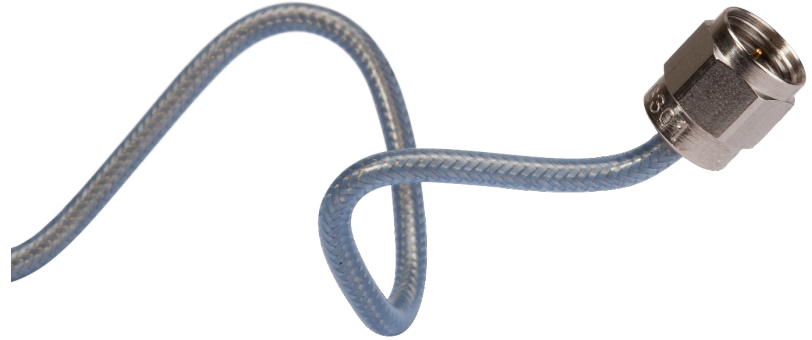


# MINIBEND-2, SMA (male), SMA (male), 50 Ohm, 24 GHz, 2 in, 50.8 mm

## MINIBEND-2

### Properties

- Applicable up to 24 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)



Product configuration	
Type of cable	MINIBEND (32081E)
Type description connector A	29094C-32-81
Series connector A	SMA, straight - plug
Type description connector B	29094C-32-81
Series connector B	SMA, straight - plug
Length	50.8 mm
Length	2 inch
Length type	REF to REF

Electrical data	
Impedance	50 $\Omega$
Max. operating frequency	24 GHz
VSWR max	1.4
Max. insertion loss	0.49 dB
Propagation velocity	70 %

Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	20.82 dB	1.2	0.17 dB
2 GHz ... 12.4 GHz	19.08 dB	1.25	0.32 dB
12.4 GHz ... 18 GHz	16.53 dB	1.35	0.45 dB
18 GHz ... 24 GHz	15.56 dB	1.4	0.49 dB

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<b>Mechanical data</b>	
Cable diameter	2.49 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
80337900	MINIBEND-2

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