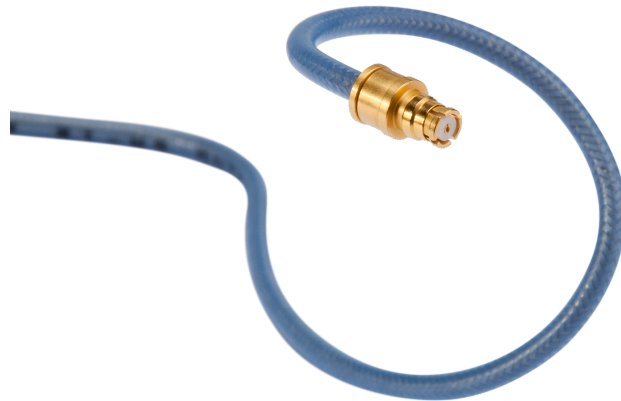


# MINIBEND 2SR-12, SMP (female), SMP (female), 50 Ohm, 40 GHz, 12 in, 304.8 mm

MINIBEND 2SR-12

## Properties

- Applicable up to 40 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	29473CR-32-81-1
Series connector A	SMP, straight - jack
Type description connector B	29473CR-32-81-1
Series connector B	SMP, straight - jack
Length	304.8 mm
Length	12 inch
Length type	REF to REF

Electrical data	
Impedance	50 $\Omega$
Max. operating frequency	40 GHz
VSWR max	1.5
Propagation velocity	70 %

Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	19.08 dB	1.25	0.5 dB
2 GHz ... 12.4 GHz	16.54 dB	1.35	1.23 dB
12.4 GHz ... 18 GHz	13.98 dB	1.5	1.58 dB
18 GHz ... 40 GHz	11.73 dB	1.7	

Mechanical data	
Cable diameter	2.54 mm
Static bending radius	5.08 mm
Dynamic bending radius	15.24 mm

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Environmental data	
Operation temperature	-55 °C ... 125 °C

Ordering information	
Item number	Item description
80360902	MINIBEND 2SR-12

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