

MINIBEND KSR-12, SK (male), SMP (female), ruggedized, 50 Ohm, 40 GHz, 12 in, 304.8 mm

MINIBEND KSR-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	29094KCR-32-81
Series connector A	PC 2.9, straight - plug
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 Ω
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	0.51 dB
2 GHz ... 18 GHz	14.72 dB	1.45	1.59 dB
18 GHz ... 40 GHz	13.98 dB	1.5	2.55 dB

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
80337167	MINIBEND KSR-12

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DOCUMENT PIM-P43864 / Date of publication: 04.12.2024 / uncontrolled copy