

MICROBEND SR-10, SMA (male), SMP (female), ruggedized, 50 Ohm, 20 GHz, 10 in, 254 mm

MICROBEND SR-10

Properties

- Applicable up to 20 GHz
- Part of the "bend-to-the-end" MINIBEND product family
- Direct replacement for 047 size Semi-Rigid cables
- Tightest bend radius in the MINIBEND family
- Solderless cable junction
- Compliant to MIL-DTL-17 (cable) and MIL-PRF-39012 (connectors)



Product configuration

Type of cable	MICROBEND R (3204IE)
Type description connector A	29094CR-32-41
Series connector A	SMA, straight - plug
Type description connector B	29473CR-32-41
Series connector B	SMP, straight - jack
Length	254 mm
Length	10 inch
Length type	REF to REF

Electrical data

Impedance	50 Ω
Max. operating frequency	20 GHz
VSWR max	1.45
Propagation velocity	70 %

Electrical Data (frequency related)

Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	19.08 dB	1.25	0.53 dB
2 GHz ... 12.4 GHz	17.21 dB	1.32	1.23 dB
12.4 GHz ... 20 GHz	14.71 dB	1.45	1.68 dB

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Mechanical data	
Cable diameter	1.91 mm
Static bending radius	1.52 mm
Dynamic bending radius	4.57 mm
Environmental data	
Operation temperature	-55 °C ... 125 °C
Ordering information	
Item number	Item description
80370899	MICROBEND SR-10

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DOCUMENT PIM-P44672 / Date of publication: 04.12.2024 / uncontrolled copy