

MICROBEND SR-12, SMA (male), SMP (female), ruggedized, 50 Ohm, 20 GHz, 12 in, 304.8 mm

MICROBEND SR-12

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		304.8 mm
Length		12 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	0.61 dB
2 GHz ... 12.4 GHz	17.21 dB	1.32	1.43 dB
12.4 GHz ... 20 GHz	14.71 dB	1.45	1.94 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
80336671	MICROBEND SR-12

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