

MICROBEND SR-3, SMA (male), SMP (female), ruggedized, 50 Ohm, 20 GHz, 3 in, 76.2 mm

MICROBEND SR-3

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		76.2 mm
Length		3 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	0.27 dB
2 GHz ... 12.4 GHz	17.21 dB	1.32	0.54 dB
12.4 GHz ... 20 GHz	14.71 dB	1.45	0.79 dB

MICROBEND SR-3, SMA (male), SMP (female), ruggedized, 50 Ohm, 20 GHz, 3 in, 76.2 mm

MICROBEND SR-3

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
80366686	MICROBEND SR-3

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P44670 / Date of publication: 04.12.2024 / uncontrolled copy