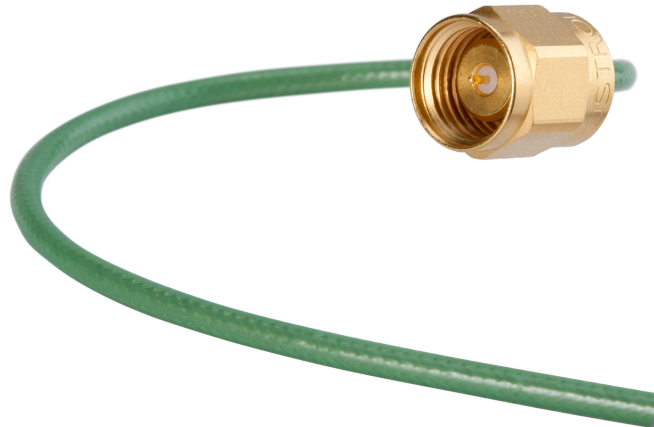


MICROBEND LSR-3, SMA (male), SMP (female), low-loss, ruggedized, 50 Ohm, 26.5 GHz, 3 in, 76.2 mm

MICROBEND LSR-3

Properties

- Part of the "bend-to-the-end" MINIBEND product family
- Applicable up to 26.5 GHz
- Solderless cable junction
- Cable meets MIL-DTL-17 qualification
- Low loss PTFE dielectric
- Direct replacement for 047 size Semi-Rigid cables



Product configuration

Type of cable	MICROBEND L (32085E)
Type description connector A	29094CR-32-85
Series connector A	SMA, straight - plug
Type description connector B	29573CR-32-85
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	26.5 GHz
VSWR max	1.45
Max. insertion loss	0.79 dB
Propagation velocity	76 %

Electrical Data (frequency related)

Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	20.82 dB	1.2	0.28 dB
2 GHz ... 18 GHz	15.56 dB	1.4	0.63 dB
18 GHz ... 26.5 GHz	14.71 dB	1.45	0.79 dB

Mechanical data

Cable diameter	2.03 mm
Static bending radius	5.08 mm
Dynamic bending radius	15.24 mm

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MICROBEND LSR-3

Environmental data	
Operation temperature	-55 °C ... 125 °C
Ordering information	
Item number	Item description
80351462	MICROBEND LSR-3

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