

MICROBEND LR-12, SMA (male), SMA (male), low-loss, ruggedized, 50 Ohm, 26.5 GHz, 12 in, 304.8 mm

MICROBEND LR-12

Properties

- Applicable up to 26.5 GHz
- Part of the "bend-to-the-end" MINIBEND product family
- Where low insertion loss and phase stability paired with solderless cable junctions with the lowest weight is required
- Solderless cable junction
- Compliant to MIL-DTL-17 (cable) and MIL-PRF-39012 (connectors)
- Direct replacement for 047 size Semi-Rigid cables
- Low loss PTFE dielectric
- Lead-free solder for RoHS compliance



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	29094CR-32-85
Series connector B	SMA, straight - plug
Length	304.8 mm
Length	12 inch
Length type	REF to REF

Electrical data

Impedance	50 Ω
Max. operating frequency	26.5 GHz
VSWR max	1.4
Max. insertion loss	1.66 dB
Propagation velocity	76 %

MICROBEND LR-12, SMA (male), SMA (male), low-loss, ruggedized, 50 Ohm, 26.5 GHz, 12 in, 304.8 mm

MICROBEND LR-12

Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	20.82 dB	1.2	0.46 dB
2 GHz ... 18 GHz	16.53 dB	1.35	1.35 dB
18 GHz ... 26.5 GHz	15.56 dB	1.4	1.66 dB
Mechanical data			
Cable diameter		2.03 mm	
Static bending radius		5.08 mm	
Dynamic bending radius		15.24 mm	
Environmental data			
Operation temperature		-55 °C ... 125 °C	
Ordering information			
Item number		Item description	
80395930		MICROBEND LR-12	

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-P50968 / Date of publication: 04.12.2024 / uncontrolled copy