

MINIBEND LR-4, SMA (male), SMA (male), ruggedized, low loss, 50 Ohm, 26.5 GHz, 4 in, 101.6 mm

Minibend LR-4

Properties

- Applicable in frequencies up to 26.5 GHz
- Part of the "bend-to-the-end" MINIBEND product family
- Direct replacement for 086 size Semi-Rigid cables
- Compliant to MIL-DTL-17 (cable) and MIL-PRF-39012 (connectors)
- Solderless cable junction
- Low loss PTFE dielectric



Product configuration	
Type of cable	MINIBEND LR (32024E)
Type description connector A	29094CR-32-24
Series connector A	SMA, straight - plug
Type description connector B	29094CR-32-24
Series connector B	SMA, straight - plug
Length	101.6 mm
Length	4 inch
Length type	REF to REF

Electrical data	
Impedance	50 Ω
Max. operating frequency	26.5 GHz
VSWR max	1.4
Propagation velocity	76 %

Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 1 GHz	22.06 dB	1.16	0.16 dB
1 GHz ... 12.4 GHz	19.08 dB	1.25	0.42 dB
12.4 GHz ... 18 GHz	16.53 dB	1.35	0.54 dB
18 GHz ... 26.5 GHz	15.56 dB	1.4	0.67 dB

MINIBEND LR-4, SMA (male), SMA (male), ruggedized, low loss, 50 Ohm, 26.5 GHz, 4 in, 101.6 mm

Minibend LR-4

Mechanical data	
Cable diameter	2.64 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
80337409	Minibend LR-4

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-P38120 / Date of publication: 04.12.2024 / uncontrolled copy