chanhvinh.com

DATA SHEET

MINIBEND L-6, SMA (male), SMA (male), low loss, 50 Ohm, 26.5 GHz, 6 in, 152.4 mm

MINIBEND L-6

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
- Solderless cable junction
- Compliant to MIL-DTL-17 (cable) and MIL-PRF-39012 (connectors)
- Low loss PTFE dielectric



Product configuration	
Type of cable	MINIBEND L (32024)
Type description connector A	29094C-32-24
Series connector A	SMA, straight - plug
Type description connector B	29094C-32-24
Series connector B	SMA, straight - plug
Length	152.4 mm
Length	6 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	0.2 dB
1 GHz ... 12.4 GHz	19.08 dB	1.25	0.54 dB
12.4 GHz ... 18 GHz	16.53 dB	1.35	0.69 dB
18 GHz ... 26.5 GHz	15.56 dB	1.4	0.85 dB

HUBER+SUHNER

chanhvinh.com

MINIBEND L-6, SMA (male), SMA (male), low loss, 50 Ohm, 26.5 GHz, 6 in, 152.4 mm

MINIBEND L-6

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
80337298	MINIBEND L-6

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-P38108 / Date of publication: 04.12.2024 / uncontrolled copy