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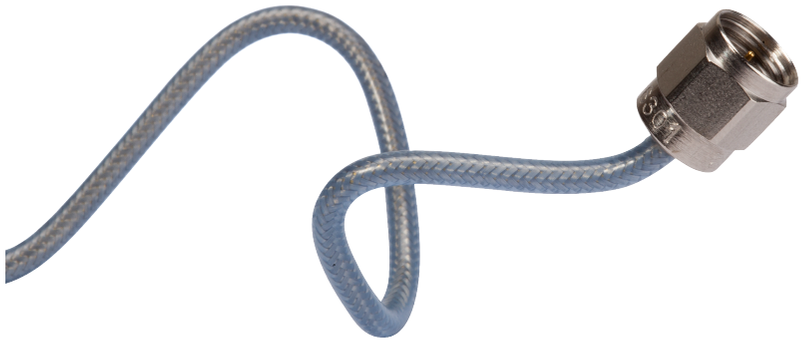
DATA SHEET

MINIBEND-12HT, SMA (male), SMA (male), lead-free solder, 50 Ohm, 24 GHz, 12 in, 304.8 mm

MINIBEND-12HT

Properties

- Applicable up to 24 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)
- Lead-free solder for RoHS compliance



Product configuration	
Type of cable	MINIBEND (32081E)
Type description connector A	29094HTC-32-81
Series connector A	SMA, straight - plug
Type description connector B	29094HTC-32-81
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	24 GHz
VSWR max	1.4
Propagation velocity	70 %

Electrical Data (frequency related)			
Frequency range	**Return loss**	**VSWR max**	**Insertion loss**
0 GHz ... 2 GHz	20.82 dB	1.2	0.47 dB
2 GHz ... 12.4 GHz	19.08 dB	1.25	1.15 dB
12.4 GHz ... 18 GHz	16.53 dB	1.35	1.42 dB
18 GHz ... 24 GHz	15.56 dB	1.4	1.68 dB

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MINIBEND-12HT

Mechanical data	
Cable diameter	2.49 mm
Static bending radius	5.08 mm
Dynamic bending radius	15.24 mm

Environmental data	
Operation temperature	-55 °C ... 125 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
80368736	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering information	
Item number	Item description
80368736	MINIBEND-12HT

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.
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