

MINIBEND L-7, SMA (male), SMA (male), low loss, 50 Ohm, 26.5 GHz, 7 in, 177.8 mm

MINIBEND L-7

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	177.8 mm	
Length	7 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	0.22 dB
1 GHz ... 12.4 GHz	19.08 dB	1.25	0.6 dB
12.4 GHz ... 18 GHz	16.53 dB	1.35	0.76 dB
18 GHz ... 26.5 GHz	15.56 dB	1.4	0.94 dB

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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
80337304	MINIBEND L-7

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