

MINIBEND CTR-2.5, SMA (male), SMA (male), phase invariant, ruggedized, 50 Ohm, 26.5 GHz, 2.5 in, 63.5 mm

MINIBEND CTR-2.5

Properties

- Applicable 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)
- Absolute phase change of <300 ppm over a temperature range of -50°C to +125°C



Product configuration	
Type of cable	MINIBEND CTR (32381E)
Type description connector A	29094CR-32381
Series connector A	SMA, straight - plug
Type description connector B	29094CR-32381
Series connector B	SMA, straight - plug
Length	63.5 mm
Length	2.5 inch
Length type	REF to REF

Electrical data	
Impedance	50 Ω
Max. operating frequency	26.5 GHz
VSWR max	1.3
Max. insertion loss	0.61 dB
Propagation velocity	80 %

Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 6 GHz	23.12 dB	1.15	0.31 dB
6 GHz ... 18 GHz	19.08 dB	1.25	0.5 dB
18 GHz ... 26.5 GHz	17.69 dB	1.3	0.61 dB

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Mechanical data	
Cable diameter	2.49 mm
Static bending radius	5.08 mm
Dynamic bending radius	15.24 mm
Environmental data	
Operation temperature	-50 °C ... 125 °C
Ordering information	
Item number	Item description
80396650	MINIBEND CTR-2.5

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