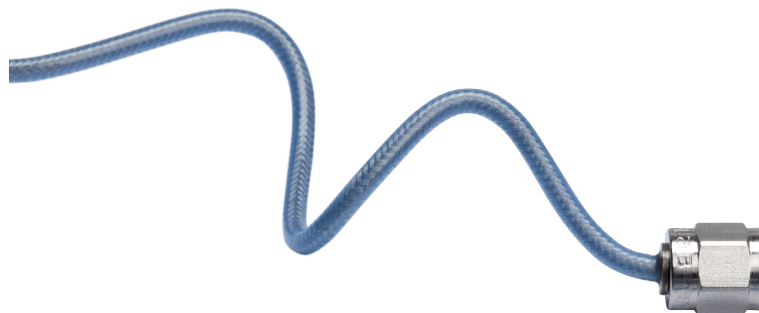


MINIBEND KR-4HT, 2.9mm (male), 2.9mm (male), lead-free solder, ruggedized, 50 Ohm, 40 GHz, 4 in, 101.6 mm

MINIBEND KR-4HT

Properties

- Applicable up to 40 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	29094KHTCR-32-81
Series connector A	PC 2.9, straight - plug
Type description connector B	29094KHTCR-32-81
Series connector B	PC 2.9, straight - plug
Length	101.6 mm
Length	4 inch
Length type	REF to REF

Electrical data

Impedance	50 Ω
Max. operating frequency	40 GHz
VSWR max	1.5
Propagation velocity	70 %

Electrical Data (frequency related)

Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	20.83 dB	1.2	0.23 dB
2 GHz ... 26.5 GHz	14.72 dB	1.45	0.8 dB
26.5 GHz ... 40 GHz	13.98 dB	1.5	1.1 dB

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Mechanical data	
Cable diameter	2.54 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
80385227	MINIBEND KR-4HT

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