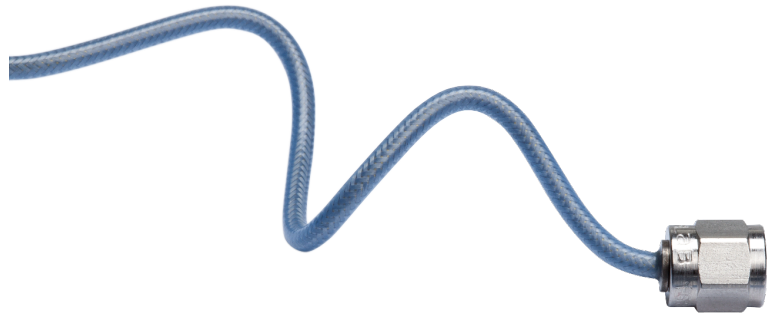


MINIBEND KR-3.5, 2.9mm (male), 2.9mm (male), ruggedized, 50 Ohm, 40 GHz, 3.5 in, 88.9 mm

MINIBEND KR-3.5

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)



Product configuration

Type of cable	MINIBEND (32081E)
Type description connector A	29094KCR-32-81
Series connector A	PC 2.9, straight - plug
Type description connector B	29094KCR-32-81
Series connector B	PC 2.9, straight - plug
Length	88.9 mm
Length	3.5 inch
Length type	REF to REF

Electrical data

Impedance	50 Ω
Max. operating frequency	40 GHz
VSWR max	1.5
Max. insertion loss	1.03 dB
Propagation velocity	70 %

Electrical Data (frequency related)

Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	20.83 dB	1.2	0.21 dB
2 GHz ... 26.5 GHz	14.72 dB	1.45	0.74 dB
26.5 GHz ... 40 GHz	13.98 dB	1.5	1.03 dB

Mechanical data

Cable diameter	2.54 mm
Static bending radius	5.08 mm
Dynamic bending radius	15.24 mm

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MINIBEND KR-3.5

Environmental data	
Operation temperature	-55 °C ... 125 °C
Ordering information	
Item number	Item description
80366984	MINIBEND KR-3.5

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