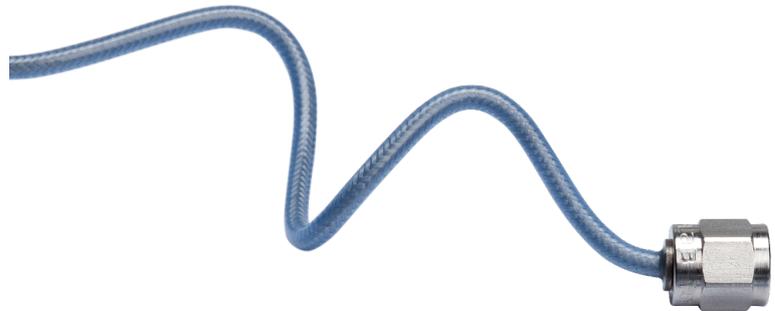


MINIBEND KR-12, 2.9mm (male), 2.9mm (male), ruggedized, 50 Ohm, 40 GHz, 12 in, 304.8 mm

MINIBEND KR-12

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	304.8 mm
Length	12 inch
Length type	REF to REF

Electrical data	
Impedance	50 Ω
Max. operating frequency	40 GHz
VSWR max	1.5
Max. insertion loss	2.26 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	0.47 dB
2 GHz ... 26.5 GHz	14.72 dB	1.45	1.78 dB
26.5 GHz ... 40 GHz	13.98 dB	1.5	2.26 dB

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

MINIBEND KR-12, 2.9mm (male), 2.9mm (male), ruggedized, 50 Ohm, 40 GHz, 12 in, 304.8 mm

MINIBEND KR-12

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

Ordering information	
Item number	Item description
80337139	MINIBEND KR-12

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.
DOCUMENT PIM-P45213 / Date of publication: 04.12.2024 / uncontrolled copy