

MINIBEND LKR-10, SK (male), SK (male), ruggedized, low loss, 50 Ohm, 40 GHz, 10 in, 254 mm

MINIBEND LKR-10

Properties

- Applicable up to 40 GHz
- Part of the "bend-to-the-end" MINIBEND product family
- Direct replacement for 086 size Semi-Rigid cables
- Compliant to MIL-DTL-17 (cable) and MIL-PRF-39012 (connectors)
- Solderless cable junction
- Low loss PTFE dielectric



Product configuration		
Type of cable		MINIBEND LR (32024E)
Type description connector A		29094KCR-32-24
Series connector A		PC 2.9, straight - plug
Type description connector B		29094KCR-32-24
Series connector B		PC 2.9, straight - plug
Length		254 mm
Length		10 inch
Length type		REF to REF

Electrical data		
Impedance		50 Ω
Max. operating frequency		40 GHz
VSWR max		1.5
Propagation velocity		76 %

Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	21.66 dB	1.18	0.36 dB
2 GHz ... 26.5 GHz	14.72 dB	1.45	1.22 dB
26.5 GHz ... 40 GHz	13.98 dB	1.5	1.63 dB

Mechanical data		
Cable diameter		2.64 mm
Static bending radius		5.08 mm
Dynamic bending radius		15.24 mm

MINIBEND LKR-10, SK (male), SK (male), ruggedized, low loss, 50 Ohm, 40 GHz, 10 in, 254 mm

MINIBEND LKR-10

Environmental data	
Operation temperature	-55 °C ... 125 °C
Ordering information	
Item number	Item description
80372591	MINIBEND LKR-10

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-P44385 / Date of publication: 04.12.2024 / uncontrolled copy