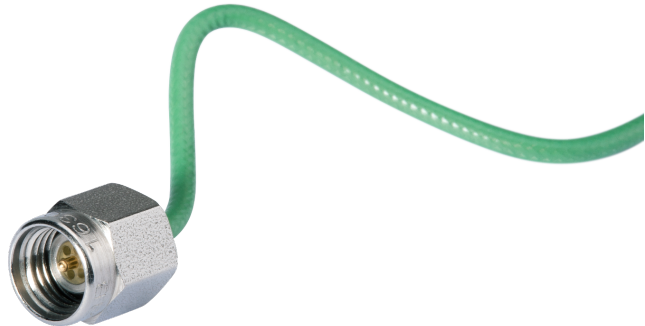


MICROBEND LKR-2.5, SK (male), SK (male), low-loss, ruggedized, 50 Ohm, 40 GHz, 2.5 in, 63.5 mm

MICROBEND LKR-2.5

Properties

- Applicable up to 40 GHz
- Part of the "bend-to-the-end" MINIBEND product family
- Where low insertion loss and phase stability paired with solderless cable junctions with the lowest weight is required
- Solderless cable junction
- Compliant to MIL-DTL-17 (cable) and MIL-PRF-39012 (connectors)
- Direct replacement for 047 size Semi-Rigid cables
- Low loss PTFE dielectric
- Lead-free solder for RoHS compliance



Product configuration

Type of cable	MICROBEND L (32085E)
Type description connector A	29094KCR-32-85
Series connector A	PC 2.9, straight - plug
Type description connector B	29094KCR-32-85
Series connector B	PC 2.9, straight - plug
Length	63.5 mm
Length	2.5 inch
Length type	REF to REF

Electrical data

Impedance	50 Ω
Max. operating frequency	40 GHz
VSWR max	1.5
Max. insertion loss	0.85 dB
Propagation velocity	76 %

MICROBEND LKR-2.5, SK (male), SK (male), low-loss, ruggedized, 50 Ohm, 40 GHz, 2.5 in, 63.5 mm
MICROBEND LKR-2.5

Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	20.82 dB	1.2	0.18 dB
2 GHz ... 18 GHz	16.53 dB	1.35	0.48 dB
18 GHz ... 26.5 GHz	15.56 dB	1.4	0.59 dB
26.5 GHz ... 40 GHz	13.98 dB	1.5	0.85 dB
Mechanical data			
Cable diameter		2.03 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	
80350536		MICROBEND LKR-2.5	

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