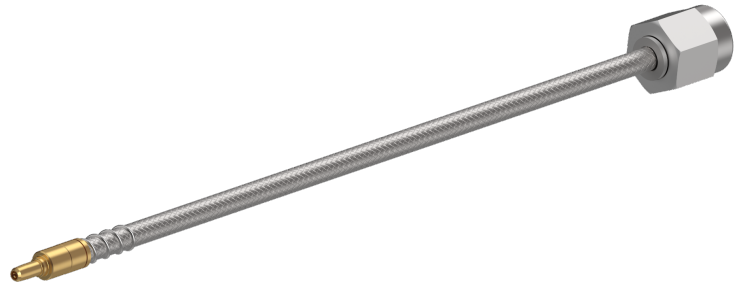


32085E-29447P-29094KCR-12, VITA 67.3 NanoRF (male), SMK (male), 50 Ohm, 40 GHz, 12 in, 304.8 mm

32085E-29447P-29094KCR-12

Properties

- Assembly with VITA 67.3 compliant NanoRF connector
- Part of the "bend-to-the-end" MINIBEND product family
- Direct replacement for 047 size Semi-Rigid cables
- Compliant to MIL-DTL-17 (cable) and MIL-PRF-39012 (connectors)
- Applicable up to 40 GHz
- Low loss PTFE dielectric



Product configuration	
Configuration type	One pair of assemblies
Type of cable	MICROBEND L (32085E)
Type description connector A	29447P-32-85
Series connector A	NanoRF, straight - plug
Type description connector B	29094KCR-32-85
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	1.55
Max. insertion loss	2.22 dB
Propagation velocity	76 %

Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	21.66 dB	1.18	0.47 dB
2 GHz ... 12 GHz	16.53 dB	1.35	1.16 dB
12 GHz ... 18 GHz	15.56 dB	1.4	1.42 dB
18 GHz ... 26.5 GHz	13.97 dB	1.5	1.77 dB

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Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
26.5 GHz ... 40 GHz	13.32 dB	1.55	2.22 dB
Mechanical data			
Weight		9 g	
Cable diameter		1.96 mm	
Static bending radius		5.08 mm	
Environmental data			
Operation temperature		-55 °C ... 125 °C	
Ordering information			
Item number		Item description	
85259505		32085E-29447P-29094KCR-12	

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