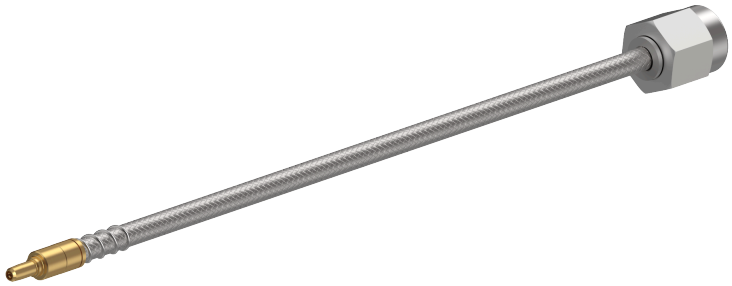
DATA SHEET

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	
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
26.5 GHz ... 40 GHz	13.32 dB	1.55	2.22 dB

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Mechanical data	
Weight	9 g
Cable diameter	1.96 mm
Static bending radius	5.08 mm

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85259505	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering information	
Item number	Item description
85259505	32085E-29447P-29094KCR-12

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DOCUMENT PIM-P58478 / Date of publication: 26.10.2026 / uncontrolled copy