

32041E-29171SVCR3-29094CR-12, VITA 67.3 SMPS (female), SMA (male), 50 Ohm, 26.5 GHz, 12 in, 304.8 mm

32041E-29171SVCR3-29094CR-12

Properties

- Assembly with VITA 67.3 compliant SMPS 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 26.5 GHz



Product configuration

Configuration type	One pair of assemblies
Type of cable	MICROBEND R (32041E)
Type description connector A	29171SVCR3-32-41
Series connector A	SMPS, straight - jack
Type description connector B	29094CR-32-41
Series connector B	SMA, straight - plug
Length	304.8 mm
Length	12 inch
Length type	REF to REF

Electrical data

Impedance	50 Ω
Max. operating frequency	26.5 GHz
VSWR max	1.5
Max. insertion loss	3.73 dB
Propagation velocity	70.3 %

Electrical Data (frequency related)

Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	21.66 dB	1.18	0.68 dB
2 GHz ... 12 GHz	16.53 dB	1.35	2.12 dB
12 GHz ... 18 GHz	15.56 dB	1.4	2.8 dB
18 GHz ... 26.5 GHz	13.97 dB	1.5	3.73 dB

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Mechanical data	
Weight	26 g
Cable diameter	1.96 mm
Static bending radius	1.52 mm

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

Ordering information	
Item number	Item description
85259452	32041E-29171SVCR3-29094CR-12

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