

32024E-29972SVCR3-29094KCR-12, VITA 67.3 SMPM (male), SMK (male), 50 Ohm, 40 GHz, 12 in, 304.8 mm

32024E-29972SVCR3-29094KCR-12

Properties

- Assembly with VITA 67.3 compliant SMPM connector
- 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)
- Applicable up to 40 GHz
- Low loss PTFE dielectric



Product configuration	
Configuration type	One pair of assemblies
Type of cable	MINIBEND LR (32024E)
Type description connector A	29972SVCR3-32-24
Series connector A	SMPM, straight - plug
Type description connector B	29094KCR-32-24
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	1.87 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	0.39 dB
2 GHz ... 12 GHz	17.2 dB	1.32	0.98 dB
12 GHz ... 18 GHz	15.56 dB	1.4	1.19 dB
18 GHz ... 26.5 GHz	13.97 dB	1.5	1.49 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	1.87 dB

Mechanical data	
Weight	3.6 g
Cable diameter	2.49 mm
Static bending radius	5.08 mm

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

Ordering information	
Item number	Item description
85182860	32024E-29972SVCR3-29094KCR-12

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