

MF5302-29447P-11SK-12, VITA 67.3 NanoRF (male), SK (male), 50 Ohm, 40 GHz, 12 in, 304.8 mm

MF5302-29447P-11SK-12

Properties

- Assembly with VITA 67.3 compliant NanoRF connector
- Direct replacement for 047 size Semi-Rigid cables
- Flexible alternative to Semi-rigid cable assemblies
- Applicable up to 40 GHz



Product configuration	
Configuration type	One pair of assemblies
Type of cable	MULTIFLEX_53-02
Type description connector A	29447P-MF53-02
Series connector A	NanoRF, straight - plug
Type description connector B	11_SK-U50-1-5/119_N
Series connector B	SK, 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	3.18 dB
Propagation velocity	70.4 %
Min. screening effectiveness	> 90 dB
Max. screening frequency	18 GHz

Electrical Data (frequency related)			
Frequency range	Return loss	VSWR max	Insertion loss
0 GHz ... 2 GHz	20.82 dB	1.2	0.62 dB
2 GHz ... 12 GHz	16.53 dB	1.35	1.6 dB
12 GHz ... 18 GHz	14.71 dB	1.45	1.99 dB
18 GHz ... 26.5 GHz	13.97 dB	1.5	2.5 dB
26.5 GHz ... 40 GHz	13.32 dB	1.55	3.18 dB

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Mechanical data	
Weight	6.53 g
Cable diameter	1.74 mm
Static bending radius	1.5 mm

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

Ordering information	
Item number	Item description
85259535	MF5302-29447P-11SK-12

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