

MF5302-29447J-11SMA-12, VITA 67.3 NanoRF (female), SMA (male), 50 Ohm, 26.5 GHz, 12 in, 304.8 mm

MF5302-29447J-11SMA-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 26.5 GHz



Product configuration	
Configuration type	One pair of assemblies
Type of cable	MULTIFLEX_53-02
Type description connector A	29447J-MF53-02
Series connector A	NanoRF, straight - jack
Type description connector B	11_SMA-50-1-14/111_N
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	2.5 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

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Mechanical data	
Weight	6.13 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
85259537	MF5302-29447J-11SMA-12

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