

MF5302-29447J-11SK-6, VITA 67.3 NanoRF (female), SK (male), 50 Ohm, 40 GHz, 6 in, 152.4 mm

MF5302-29447J-11SK-6

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	29447J-MF53-02
Series connector A	NanoRF, straight - jack
Type description connector B	11_SK-U50-1-5/119_N
Series connector B	SK, straight - plug
Length	152.4 mm
Length	6 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	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	0.37 dB
2 GHz ... 12 GHz	16.53 dB	1.35	0.94 dB
12 GHz ... 18 GHz	14.71 dB	1.45	1.16 dB
18 GHz ... 26.5 GHz	13.97 dB	1.5	1.46 dB
26.5 GHz ... 40 GHz	13.32 dB	1.55	1.87 dB

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Mechanical data	
Weight	4.95 g
Cable diameter	1.74 mm
Static bending radius	1.5 mm

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85259538	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
85270436	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
85270435	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
85270434	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
85270431	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
85270432	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Ordering information	
Item number	Item description
85259538	MF5302-29447J-11SK-6
85270436	MF5302-29447J-29573-4 (KIT)
85270435	MF5302-29447J-29971T-3 (KIT)
85270434	MF5302-29447J-29971T-4 (KIT)
85270431	MF5302-29447J-29973-3 (KIT)
85270432	MF5302-29447J-29981-3 (KIT)

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