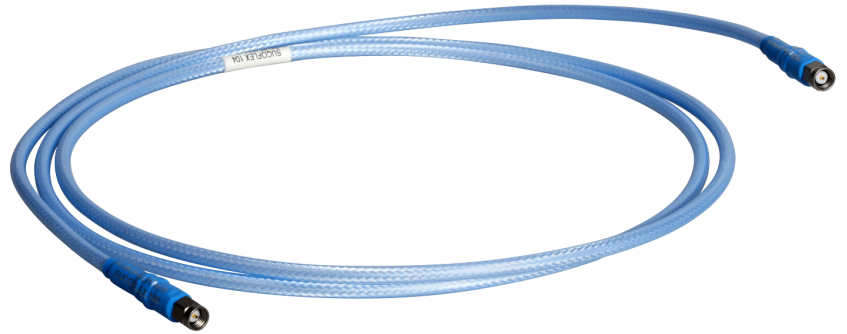


MICROWAVE TEST ASSEMBLIES, SMA (male), SMA (male), 50 Ohm, 18 GHz, 500mm

SF104/11SMA/11SMA/500mm

Properties

- Applicable up to 18 GHz
- Excellent insertion and return loss
- Extremely reliable and robust
- A wide range of cables, connectors and armours
- MIL qualified



Product configuration	
Type of cable	SUCOFLEX_104
Type description connector A	SF_11_SMA-451
Series connector A	SMA, straight - plug
Type description connector B	SF_11_SMA-451
Series connector B	SMA, straight - plug
Length	500 mm
Length type	REF to REF

Electrical data	
Impedance	50 Ω
Max. operating frequency	18 GHz
Min. return loss	19 dB
VSWR max	1.253
Max. insertion loss	0.82 dB
Signal delay	4.3 ns/m
Propagation velocity	77 %
Min. screening effectiveness	90 dB
Max. screening frequency	18 GHz
Amplitude stability vs. flexure	+/- 0.2 dB

Mechanical data	
Weight	0.05 kg
Cable diameter	5.5 mm
Static bending radius	16 mm

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

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Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84016754	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Comment
The SUCOFLEX 104 high end cable assemblies are designed to provide optimal performance up to 18 GHz where stringent electrical requirements such as in particular stability and low loss, are important.

Ordering information	
Item number	Item description
84016754	SF104/11SMA/11SMA/500mm

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