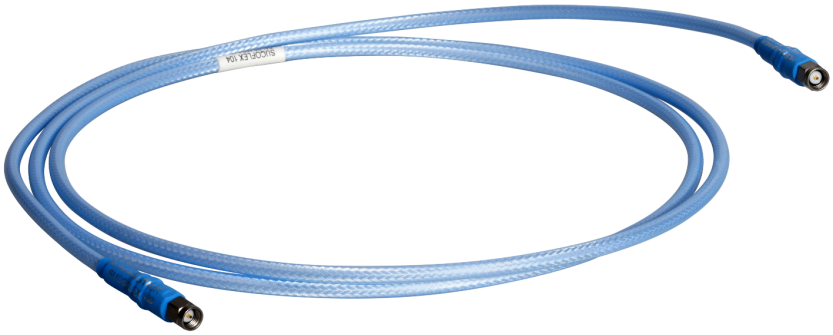
DATA SHEET

MICROWAVE TEST ASSEMBLIES, SMA (male), SMA (male), 50 Ohm, 18 GHz, 2000mm

SF104/11SMA/11SMA/2000mm

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	2000 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	2.64 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	0.15 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
84016757	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 were stringent electrical requirements â€“ in particular stability and low loss, are important.

Ordering information	
Item number	Item description
84016757	SF104/11SMA/11SMA/2000mm

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