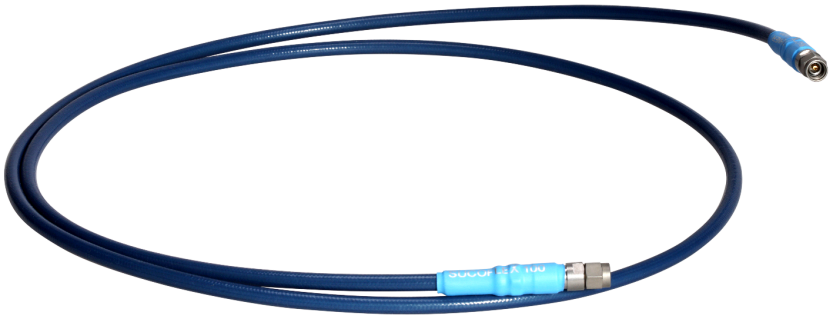
DATA SHEET

MICROWAVE TEST ASSEMBLIES, 3.5mm (male), 3.5mm (male), 50 Ohm, 26.5 GHz, 1000mm

SF126E/11PC35/11PC35/1000mm

Properties

- Applicable up to 26.5 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_126_E
Type description connector A	SF_11_PC35-43
Series connector A	PC 3.5, straight - plug
Type description connector B	SF_11_PC35-43
Series connector B	PC 3.5, straight - plug
Length	1000 mm
Length type	REF to REF

Electrical data	
Impedance	50 Ω
Max. operating frequency	26.5 GHz
Min. return loss	16.6 dB
VSWR max	1.347
Max. insertion loss	1.77 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	0.08 kg
Cable diameter	5.5 mm
Static bending radius	16 mm

Environmental data	
Operation temperature	-40 °C ... 85 °C

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Material compliance

Item number	Directive / Regulation	Rating	Exemptions / Details
85194661	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
85194660	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
85072826	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 126_E high end cable assemblies are designed to provide optimal performance up to 26.5 GHz were stringent electrical requirements â€“ in particular stability and low loss, are important.

Ordering information

Item number	Item description
85194661	IBC-PC-010
85194660	IBC-PC-036
85072826	SF126E/11PC35/11PC35/1000mm

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