

MICROWAVE TEST ASSEMBLIES, N (male), N (male), 50 Ohm, 18 GHz, 1500mm

SF126EA/11N/11N/1500mm

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_126_E
Type description connector A	SF_11_N-452
Series connector A	N, straight - plug
Type description connector B	SF_11_N-452
Series connector B	N, straight - plug
Armour	A-Armour blue SF 103/104/126/TL-8A, 85°C, Ø10.2mm,PUR jacket
Length	1500 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	2.03 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	0.36 kg
Cable diameter	10.3 mm
Static bending radius	30 mm

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Operation temperature	-40 °C ... 85 °C
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Material compliance

Item number	Directive / Regulation	Rating	Exemptions / Details
85072830	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Comment

The SUCOFLEX 126_EA high end cable assemblies are designed to provide optimal performance up to 18 GHz where stringent electrical requirements – in particular stability and low loss, are important. Protected by an A-ruggedisation, the SUCOFLEX 126E becomes a flexible and robust test and measurement cable!

Ordering information

Item number	Item description
85072830	SF126EA/11N/11N/1500mm

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