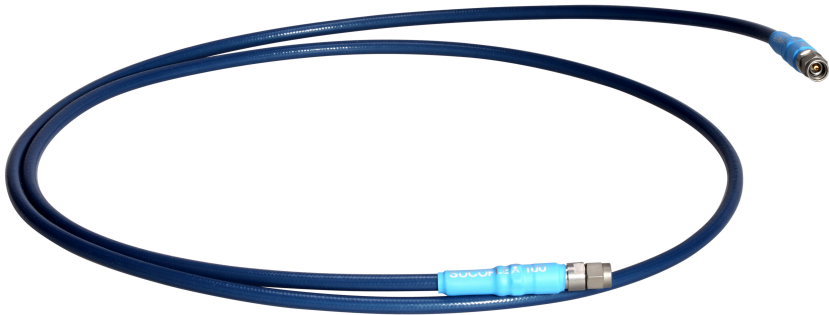


MICROWAVE TEST ASSEMBLIES, MMPX (male), MMPX (male), 50 Ohm, 40 GHz, 305mm, time delay matched +/- 1ps.
PMASF102E/11MMPX/11MMPX/305mm

Properties

- Applicable up to 40 GHz
- Excellent insertion and return loss
- Absolute time delay matched +/- 1ps



Product configuration	
Type of cable	SUCOFLEX_102_E
Type description connector A	SF_11_MMPX-201
Series connector A	MMPX, straight - plug
Type description connector B	SF_11_MMPX-201
Series connector B	MMPX, straight - plug
Length	305 mm
Length	12 inch
Length type	REF to REF

Electrical data	
Impedance	50 Ω
Max. operating frequency	40 GHz
Min. return loss	14 dB
Max. insertion loss	1.2 dB
Propagation velocity	77 %
Min. screening effectiveness	90 dB
Max. screening frequency	18 GHz
Amplitude stability vs. flexure	+/- 0.2 dB
Phase- / Time delay matching	Time delay absolute, +/- 1 ps

Mechanical data	
Cable diameter	4 mm
Static bending radius	12 mm

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

MICROWAVE TEST ASSEMBLIES, MMPX (male), MMPX (male), 50 Ohm, 40 GHz, 305mm, time delay matched +/- 1ps.
PMASF102E/11MMPX/11MMPX/305mm

Compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85108590	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c

Comment
The SUCOFLEX 102 high end cable assemblies are designed to provide optimal performance up to 40 GHz where stringent electrical requirements in particular stability and low loss, are important.

Ordering information	
Item number	Item description
85108590	PMA SF102E/11MMPX/11MMPX/305MM

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