

MICROWAVE TEST ASSEMBLIES, 2.92mm (male), 2.92mm (male), 50 Ohm, 40 GHz, 36in, time delay matched +/-1ps

PMASF540E/11SK/11SK/36in

Properties

- Applicable up to 40 GHz
- High phase- and amplitude stability with flexure and movement
- Excellent insertion and return loss
- Absolute time delay matched +/- 1ps
- Precise and repeatable measurements



Product configuration

Type of cable	SUCOFLEX_540_E
Type description connector A	SF_11_SK-506
Series connector A	SK, straight - plug
Series connector B	SK, straight - plug
Length	914 mm
	36 inch
Length type	REF to REF

Electrical data

Impedance	50 Ω
Max. operating frequency	40 GHz
Max. insertion loss	2.96 dB
Signal delay	4.3 ns/m
Propagation velocity	77 %
Min. screening effectiveness	90 dB
Max. screening frequency	18 GHz
Amplitude stability vs. flexure	+/- 0.1 dB
Phase stability vs. flexure	+/- 8 °

Mechanical data

Cable diameter	4 mm
Static bending radius	12 mm
Flexing cycles	100000

Environmental data

Operation temperature	-40 °C ... 85°C
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Ordering information	
Item number	Item description
85207917	PMASF540E/11SK/11SK/36in

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