

# MICROWAVE TEST ASSEMBLIES, 1.0mm (male), 1.0mm (male), 50 Ohm, 110 GHz, 12in

ST110/11PC10/11PC10/12in

## Properties

- Applicable up to 110 GHz
- Excellent return loss
- Unique phase- and loss stability
- Stock assemblies available



Product configuration	
Type of cable	Sucotest_110
Type description connector A	SF_11_PC1.0 (straight male)
Type description connector B	SF_11_PC1.0 (straight male)
Length	305 mm
	12 inch
Length type	REF to REF
Electrical data	
Impedance	50 $\Omega$
Max. operating frequency	110 GHz
Min. return loss	14.7 dB
VSWR max	1.45
Max. insertion loss	6.35 dB
Propagation velocity	70 %
Min. screening effectiveness	> 90 dB
Max. screening frequency	18 GHz
Amplitude stability vs. flexure	+/- 0.2 dB
Phase stability vs. flexure	+/- 20 °
Mechanical data	
Weight	21 g
Cable diameter	4.25 mm
Static bending radius	25 mm
Environmental data	
Operation temperature	-40 °C ... 85 °C

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ST110/11PC10/11PC10/12in**Comment**

The test lead up to 110 GHz - for the highest standard of measurement

**Ordering information**

Item number	Item description
85229046	ST110/11PC10/11PC10/12in

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