

# MICROWAVE TEST ASSEMBLIES, 1.0mm (female), 1.0mm (female), 50 Ohm, 110 GHz, 18in

ST110/21PC10/21PC10/18in

## 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_21_PC1.0 (straight female)
Type description connector B	SF_21_PC1.0 (straight female)
Length	457 mm
	18 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	9 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	26 g
Cable diameter	4.25 mm
Static bending radius	25 mm
Environmental data	
Operation temperature	-40 °C ... 85 °C

**MICROWAVE TEST ASSEMBLIES, 1.0mm (female), 1.0mm (female), 50 Ohm, 110 GHz, 18in**  
ST110/21PC10/21PC10/18in**Comment**

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

**Ordering information**

Item number	Item description
85229045	ST110/21PC10/21PC10/18in

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