

MICROWAVE TEST ASSEMBLIES, 1.0mm (male), 1.0mm (female), 50 Ohm, 110 GHz, 18in
ST110/11PC10/21PC10/18in

Properties

- Applicable up to 110 GHz
- Excellent return loss
- Unique phase- and loss stability
- Stock delivery on standard lengths



Product configuration	
Type of cable	Sucotest_110
Type description connector A	SF_11_PC1.0 (straight male)
Type description connector B	SF_21_PC1.0 (straight female)
Length	457 mm
Length	18 inch
Length type	REF to REF

Electrical data	
Impedance	50 Ω
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	27 g
Cable diameter	4.25 mm
Static bending radius	25 mm
Dynamic bending radius	43 mm

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

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Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85229040	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6a
			6b
			6c
	REACH 1907/2006 Article 33 SVHC	Free of SVHC >0,1%	

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

Ordering information	
Item number	Item description
85229040	ST110/11PC10/21PC10/18in

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DOCUMENT PIM-P43612 / Date of publication: 09.04.2025 / uncontrolled copy