

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

ST110/21PC10/21PC10/12in

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_21_PC1.0 (straight female)
Type description connector B	SF_21_PC1.0 (straight female)
Length	305 mm
	12 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	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	20 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, 12in
ST110/21PC10/21PC10/12in

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

Ordering information	
Item number	Item description
85229044	ST110/21PC10/21PC10/12in

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/ EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P43616 / Date of publication: 19.04.2024 / uncontrolled copy