

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 assemblies available



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

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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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