

Sucotest™ 110

High precision, durability, and effectiveness for high-density and modular test applications



Edition 2024/05

Now
available
up to 110
GHz

Reliable microwave test cable assemblies for consistent, repeatable measurements

- Dependable electrical performance up to 110 GHz
- Excellent amplitude and phase stability with flexure, crush and torque resistance
- Superior return loss
- Rugged construction for extended service life
- Stock assemblies available in 6, 12, and 18-inch lengths, with male and female 1.0 mm connectors



Short delivery time



High mechanical and stable electrical performance



Excellent price-performance ratio

Speed matters.



Sucotest™ 110 microwave test cable assemblies

Ruggedized design for exceptional performance

Connectors	1.0 mm (male/female)
Velocity of propagation (%)	70
Return loss (dB)	Typ. 19.0 Min. 14.7
Insertion loss (dB/m)	Typ. 19.8
Amplitude stability vs. flexure (dB)	Typ. ± 0.15 Max. ± 0.2
Phase stability vs. flexure (°)	Typ. ± 10 Max. ± 20
Flex cycles	Typ. 15.000

Cable assembly configurations available from stock

Stock assembly type	Item	Connector types	Length	RL	IL	Data sheet
ST110_11PC10_11PC10_6in	85229047	1 mm male / 1 mm male	6 inch / 152 mm	min. 14.7 dB	max. 3.7 dB	Link
ST110_11PC10_11PC10_12in	85229046		12 inch / 305 mm		max. 6.35 dB	Link
ST110_11PC10_11PC10_18in	85229048		18 inch / 457 mm		max. 9 dB	Link
ST110_11PC10_21PC10_6in	85229043	1 mm male / 1 mm female	6 inch / 152 mm		max. 3.7 dB	Link
ST110_11PC10_21PC10_12in	85229039		12 inch / 305 mm		max. 6.35 dB	Link
ST110_11PC10_21PC10_18in	85229040		18 inch / 457 mm		max. 9 dB	Link
ST110_21PC10_21PC10_6in	85229041	1 mm female / 1 mm female	6 inch / 152 mm		max. 3.7 dB	Link
ST110_21PC10_21PC10_12in	85229044		12 inch / 305 mm		max. 6.35 dB	Link
ST110_21PC10_21PC10_18in	85229045		18 inch / 457 mm		max. 9 dB	Link

Please get in touch with us, our experts are happy to help.

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HUBER+SUHNER is certified according to EN(AS) 9100, ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

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