

Precision Semi-Rigid Assemblies

Phase Matched 90° Bends



9526C

Description - Phase Matched 90° Bends

The Maury 7911A/B/C and 8011A1/B1/C1 series, and model 9526C are precision semi-rigid cable assemblies configured in a 90° bend. They provide a highly stable, extremely durable, low-loss, low VSWR right angle connection for 50 ohm test bench setups or other measurement applications. Each assembly consists of two Maury coaxitube connectors¹ joined by a standard length of copper-jacketed coaxitube that is formed to provide a precise right angle bend.

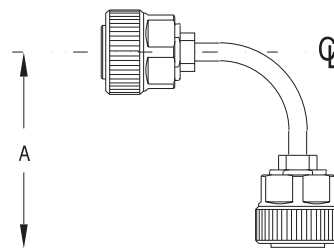
Three cable size/connector combinations are offered: 2.4mm with 0.0865-inch (O.D.) coaxitube; 3.5mm with 0.141-inch (O.D.) coaxitube; and 7mm with 0.250-inch (jacket O.D.) coaxitube.

Sexed connectors are offered in A (female to female), B (male to male), or C (female to male) connector arrangements.

Available Models

MODEL	FREQUENCY RANGE (GHz) AND MAXIMUM VSWR	CONNECTOR ARRANGEMENT	"A" DIMENSION INCHES (CM)
8011A1	DC – 26.5 ≤ 1.25	3.5mm F – F	2.00 (5.08)
8011B1	DC – 26.5 ≤ 1.25	3.5mm M – M	2.00 (5.08)
8011C1	DC – 26.5 ≤ 1.25	3.5mm F – M	2.00 (5.08)
9526C	DC – 8.0 ≤ 1.10 8.0 – 18.0 ≤ 1.25	7mm	1.75 (4.45)
7911A	DC – 50.0 ≤ 1.5	2.4mm F – F	1.90 (4.83)
7911B	DC – 50.0 ≤ 1.5	2.4mm M – M	1.90 (4.83)
7911C	DC – 50.0 ≤ 1.5	2.4mm F – M	1.90 (4.83)

Dimensions



Precision Right Angle Test Port Adapters

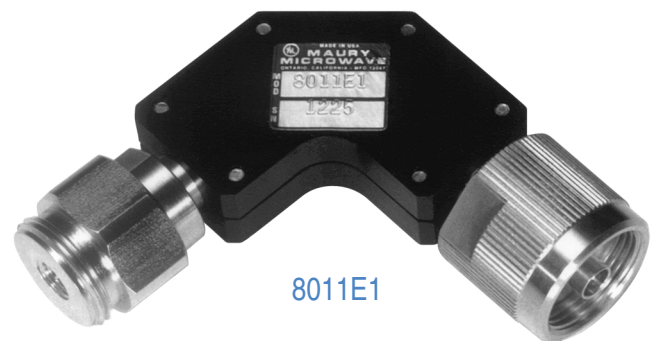
Phase Matched 90° Bends

Description - Right Angle Test Port Adapters

The Maury 8011E1, 8011F1/F2 precision right angle test port adapters are designed to mate with the ruggedized test ports of Agilent and Anritsu network analyzers. They effectively extend the network analyzer test port at a right angle with the same ruggedized connector found on the test port, or with a standard 3.5mm female or male connector. They allow users to maintain the high reliability and stability of the network analyzer test port, with flexibility for unique measurement requirements.

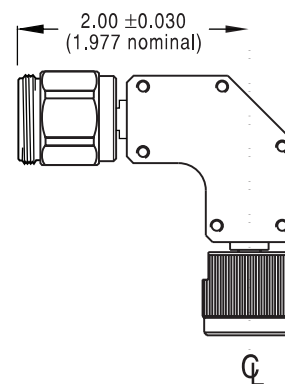
Three connector combinations/types are offered: NMD 3.5mm (female) to NMD 3.5mm (male), NMD 3.5mm (female) to 3.5mm (female) and NMD 3.5mm (female) to 3.5mm (male).

These right angle test port adapters are ideal for use with the 8946 series of VNA test port cable/adaptor kits available from Maury (see page 134–136).



8011E1

Dimensions



Available Models

MODEL	FREQUENCY RANGE AND MAXIMUM VSWR	CONNECTOR ARRANGEMENT	DIMENSIONS INCHES (CM)
8011E1	DC – 34.0 GHz ≤ 1.25	NMD3.5mm F – NMD3.5mm M	2.00 (5.08)
8011F1	DC – 34.0 GHz ≤ 1.25	NMD3.5mm F – 3.5mm F	2.00 (5.08)
8011F2	DC – 34.0 GHz ≤ 1.25	NMD3.5mm F – 3.5mm M	2.00 (5.08)

¹ Maury coaxitube connectors are designed for use with 50 ohm copper-jacketed coaxitube, and are configured to allow the outer and center conductors to be soldered at assembly for maximum reliability.