

PRECISION ADAPTERS

TYPE N TO TNC

Description

The Maury series 8817 are type N to TNC adapters which feature low VSWR and insertion loss. Hexagonal coupling nuts are used on the male type N and TNC connectors to facilitate precise, repeatable connections in critical measurement applications using a calibrated torque wrench. The 8817 adapters are fabricated with stainless steel bodies and gold plated copper alloy center conductors. See the chart below for available models.

Specifications

Frequency Range DC - 18 GHz
 Maximum VSWR
 DC - 4 GHz 1.065
 4 - 8 GHz 1.10
 8 - 12 GHz 1.12
 12 - 18 GHz 1.14
 Insertion Loss $0.07 + 0.007f$ (GHz)
 Nominal Impedance 50 ohms
 Connectors See chart
 Dimensions See figures 1 thru 4

Model	Adapts		Figure
	From	To	
8817A	N female [1]	TNC female [3]	1
8817B	N female [1]	TNC male [3]	2
8817C	N male [1]	TNC female [3]	3
8817D	N male [1]	TNC male [3]	4
8817E	EWN female [2]	EWTNC female [2]	1
8817F	EWN female [2]	EWTNC male [2]	2
8817G	EWN male [2]	EWTNC female [2]	3
8817H	EWN male [2]	EWTNC male [2]	4



Dimensions [4]

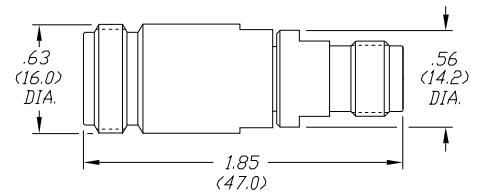


Figure 1 — Models 8817A & E

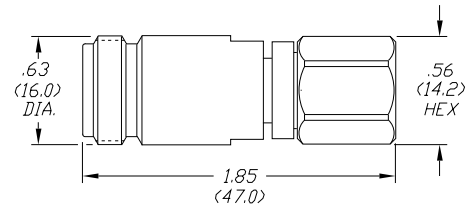


Figure 2 — Models 8817B & F

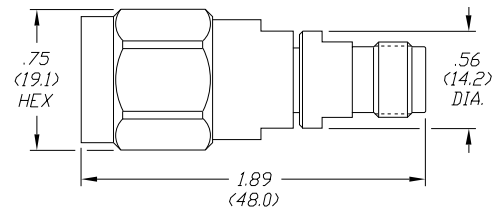


Figure 3 — Models 8817C & G

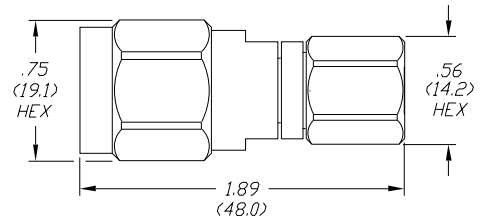


Figure 4 — Models 8817D & H

[1] Precision stainless steel type N per data sheet 5E-049.
 [2] Precision stainless steel per MIL-T-81490.

[3] Precision stainless steel TNC per data sheet 5E-053.
 [4] Data in inches (mm).