

COAXIAL TERMINATIONS

28 Series DC to 145 GHz



These precision, metrology-grade terminations are used in measurement systems that need to achieve the smallest possible reflections. Their excellent match makes them ideal as a reference for fault location measurements on scalar network analyzers.

Precision termination features

- Accurate reference for SWR measurements
- Precise termination for test instrument or device under test

Precision termination specifications

Model	Frequency range (GHz)	Test port connector	Input impedance (Ω)	SWR (F in GHz)	Dimensions L(cm) x dia(cm)
28L50R	DC to 9	WSMA(m)	50	1.016 to 6 GHz 1.025 to 9 GHz	3.7 x 1.2
28LF50R	DC to 9	WSMA(f)	50	1.016 to 6 GHz 1.025 to 9 GHz	3.7 x 1.2
28A50-1	DC to 18	GPC-7	50	1.02 Max.	5.2 x 2.2
28N50-2	DC to 18	N(m) N(f)	50	1.02 Max.	5.2 x 2.2 4.8 x 1.6
28N50-3	DC to 8	N(m)	50	1.03 Max.	5.2 x 2.2
28S50-1 28SF50-1	DC to 26.5	WSMA(m) WSMA(f)	50	1.020 to 18.5 GHz 1.135 to 26.5 GHz	3.7 x 1.2 3.7 x 1.2
28K50A 28KF50A	DC to 40	K(m) K(f)	50	1.040 to 20 GHz 1.052 to 40 GHz	3.7 x 1.2 3.7 x 1.2
28V50D 28VF50D	DC to 70	V(m) V(f)	50	1.018 to 2.5 GHz 1.032 to 4 GHz 1.052 to 40 GHz 1.083 to 50 GHz 1.106 to 70 GHz	3.7 x 1.2 3.7 x 1.2
28W50	DC to 110	W1(m)	50	1.052 to 20 GHz 1.065 to 65 GHz 1.253 to 90 GHz 1.499 to 110 GHz	2.4 x 0.8
28WF50	DC to 110	W1(f)	50	1.052 to 20 GHz 1.065 to 65 GHz 1.288 to 90 GHz 1.499 to 110 GHz	2.1 x 0.8
28.850*	DC to 145	0.8 mm(m)	50	1.052 to 40 GHz 1.065 to 80 GHz 1.222 to 145 GHz	2.5 x 0.8
28.8F50*	DC to 145	0.8 mm(f)	50	1.052 to 40 GHz 1.065 to 80 GHz 1.222 to 145 GHz	2.2 x 0.8

Maximum Input Power: 0.5 W

* SWR Specification are Typical

Ordering information

Please specify model/order number, name, and quantity when ordering.

Model/Order No.	Name
	Precision termination
28L50R	DC to 9 GHz, 3.5 mm(m)
28LF50R	DC to 9 GHz, 3.5 mm(f)
28A50-1	DC to 18 GHz, 50 Ω , GPC-7
28N50-2	DC to 18 GHz, 40 dB, 50 Ω , N(m)
28NF50-2	DC to 18 GHz, 40 dB, 50 Ω , N(f)
28N50-3	DC to 8.6 GHz, 50 Ω , N(m)
28S50-1	DC to 26.5 GHz, 50 Ω , WSMA(m) (selected for higher accuracy)
28SF50-1	DC to 26.5 GHz, 50 Ω , WSMA(f) (selected for higher accuracy)
28K50A	DC to 40 GHz, 50 Ω , K(m)
28KF50A	DC to 40 GHz, 50 Ω , K(f)
28V50D	DC to 70 GHz, V(m)
28VF50D	DC to 70 GHz, V(f)
28W50	DC to 110 GHz, W1(m)
28WF50	DC to 110 GHz, W1(f)
28.850	DC to 145 GHz, 0.8 mm(m)
28.8F50	DC to 145 GHz, 0.8 mm(f)