

COAXIAL TERMINATIONS

26, 28, 29 Series

DC to 65 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)
26N75A 26NF75A	DC to 3	N(m) N(f)	75	1.013 Max.	5.2 x 2.2 4.8 x 1.6
28A50-1	DC to 18	GPC-7	50	1.02 Max.	5.2 x 2.2
28N50-2 28NF50-2	DC to 18	N(m) N(f)	50	1.02 Max.	5.2 x 2.2 4.8 x 1.6
28N50-3 28NF50-3	DC to 8	N(m) N(f)	50	1.03 Max.	5.2 x 2.2 4.8 x 1.6
28S50-1 28SF50-1	DC to 26.5	WSMA(m) WSMA(f)	50	1.020 to 18.5 GHz 1.153 to 26.5 GHz	3.7 x 1.2 3.7 x 1.2
28K50 28KF50	DC to 40	K(m) K(f)	50	1.040 to 18.5 GHz 1.070 to 26.5 GHz 1.135 to 40 GHz	3.7 x 1.2 3.7 x 1.2
28V50B 28VF50B	DC to 65	V(m) V(f)	50	1.018 to 6 GHz 1.058 to 26.5 GHz 1.074 to 40 GHz 1.12 to 60 GHz 1.25 to 65 GHz	3.7 x 1.2 3.7 x 1.2

Maximum Input Power: 0.5 W

When used with Anritsu airlines, the 29 Series Offset Terminations permit measurements down to 1.006 SWR to 18 GHz, 1.01 SWR to 26.5 GHz, and 1.02 SWR to 40 GHz.

Offset termination features

- 50 Ω Offset Terminations for precise measurement of low SWR or high directivity
- Measurements down to 1.006 SWR to 18 GHz, 1.01 SWR to 26.5 GHz, and 1.02 SWR to 40 GHz

Offset termination specifications

Model	Frequency range (GHz)	Test port connector	Return loss (dB)	Dimensions L(cm) x dia(cm)
29A50-20	DC to 18	GPC-7	20 ±0.5 to 1 GHz 20 ±1.0 to 4 GHz 20 ±1.5 to 18 GHz	5.2 x 2.2
29S50-20	DC to 26.5	WSMA(m)	20 ±1.5 to 18.5 GHz 20 ±2.5 to 26.5 GHz	3.7 x 1.2
29SF50-20	DC to 26.5	WSMA(f)	20 ±1.5 to 18.5 GHz 20 ±2.5 to 26.5 GHz	3.7 x 1.2
29K50-15	DC to 40	K(m)	15 ±1.5 to 18.5 GHz 15 ±2.5 to 26.5 GHz 15 ±3.5 to 40 GHz	3.7 x 1.2
29KF50-15	DC to 40	K(f)	15 ±1.5 to 18.5 GHz 15 ±2.5 to 26.5 GHz 15 ±3.5 to 40 GHz	3.7 x 1.2

Temperature range: +25°C ±5°C

Ordering information

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

Model/Order No.	Name
26N75A 26NF75A 28A50-1 28N50-2 28NF50-2 28N50-3 28NF50-3 28S50-1 28SF50-1 28K50 28KF50 28V50B 28VF50B	Precision termination DC to 3 GHz, 75 Ω, N(m) DC to 3 GHz, 75 Ω, N(f) DC to 18 GHz, 50 Ω, GPC-7, Max. SWR=1.02 DC to 18 GHz, 40 dB, 50 Ω, N(m) DC to 18 GHz, 40 dB, 50 Ω, N(f) DC to 8 GHz, 50 Ω, N(m) DC to 8.6 GHz, 50 Ω, N(f) DC to 26.5 GHz, 50 Ω, WSMA(m) (selected for higher accuracy) DC to 26.5 GHz, 50 Ω, WSMA(f) (selected for higher accuracy) DC to 40 GHz, 50 Ω, K(m) DC to 40 GHz, 50 Ω, K(f) DC to 65 GHz, V(m) DC to 65 GHz, V(f)
29A50-20 29S50-20 29SF50-20 29K50-15 29KF50-15	Offset termination DC to 18 GHz, 50 Ω, GPC-7, 20 dB return loss DC to 26.5 GHz, 50 Ω, WSMA(m), 20 dB return loss DC to 26.5 GHz, 50 Ω, WSMA(f), 20 dB return loss DC to 40 GHz, 50 Ω, K(m), 15 dB return loss DC to 40 GHz, 50 Ω, K(f), 15 dB R return loss