

OPEN/SHORTS

22 Series DC to 50 GHz



22K50



22KF50

The 22 Series Open/Shorts are used on the test port of an SWR Autotester or SWR bridge to establish a full reflection reference for accurate SWR measurements. When used with scalar network analyzers, the open and short reflections over a swept frequency range can be automatically averaged to enhance measurement accuracy. All models consist of an open on one end and a short on the other.

Features

- Single Gold Plated Component providing full open and short reflections for accurate SWR measurements
- DC to 67 GHz frequency coverage
- GPC-7, Type N, K Connectors* and V Connectors*
- 50 Ω or 75 Ω impedance

Specifications

Model	Frequency range (GHz)	Test port connector	Characteristic impedance (Ω)	Dimensions L(cm) x dia(cm)
22N75 22NF75	DC to 3	N(m) N(f)	75	6.3 x 1.8 4.9 x 1.6
22N50 22NF50	DC to 18	N(m) N(f)	50	6.3 x 1.8 4.9 x 1.6
22A50	DC to 18	GPC-7	50	3.8 x 1.6
22K50 22KF50	DC to 40	K(m) K(f)	50	4.2 x 0.8 3.5 x 0.8
22V50 22VF50	DC to 67	V(m) V(f)	50	3.6 x 0.8 2.8 x 0.8

Temperature range: +25°C \pm 5°C

Electrical Length

22 Series	Inch	cm	picosecond
22N75	0.902	2.291	76.37
22NF75	0.488	1.240	41.32
22N50	0.702	1.783	59.44
22NF50	0.288	0.732	24.38
22K50	0.500	1.270	42.33
22KF50	0.500	1.270	42.33
22V50	0.550	1.396	46.54
22VF50	0.360	0.914	30.45

Ordering information

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

Model/Order No.	Name
	Open/Short
22N50	DC to 18 GHz, N(m), 50 Ω
22NF50	DC to 18 GHz, N(f), 50 Ω
22N75	DC to 3 GHz, N(m), 75 Ω
22NF75	DC to 3 GHz, N(f), 75 Ω
22A50	DC to 18 GHz, GPC-7 connector, 50 Ω
22K50	DC to 40 GHz, K(m), 50 Ω
22KF50	DC to 40 GHz, K(f), 50 Ω
22V50	DC to 67 GHz, V(m), 50 Ω
22VF50	DC to 67 GHz, V(f), 50 Ω