

OPEN/SHORTS

22 Series DC to 50 GHz



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 50 GHz frequency coverage
- GPC-7, Type N, WSMA, 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 2	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
22S50 22SF50	DC to 26.5	WSMA(m) WSMA(f)	50	4.2 x 0.8 3.5 x 0.8
22K50 22KF50	DC to 40	K(m) K(f)	50	4.2 x 0.8 3.5 x 0.8
22V50 22VF50	DC to 50	V(m) V(f)	50	3.6 x 0.8 2.8 x 0.8

Temperature range: +25°C ±5°C

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
22S50	DC to 26.5 GHz, WSMA(m), 50 Ω
22SF50	DC to 26.5 GHz, WSMA(f), 50 Ω
22V50	DC to 50 GHz, V(m), 50 Ω
22VF50	DC to 50 GHz, V(f), 50 Ω

OPEN/SHORTS/LOADS

OSL Series DC to 4 GHz



The OSL series open/short/load are used on the test port of the Site Master™ Series of handheld instruments to establish a reference for accurate measurement. When used with a Site Master, the open/short and load reflection over a swept frequency range can be automatically averaged to enhance measurement accuracy. OSL series Open/short/load comes in both N(Male) and N (Female) connector configuration and consist open on one end, short on other and Load on the tee section.

Features

- Single Nickel Plated Component providing full open, short and load reflections for accurate measurements.
- DC to 6 GHz frequency coverage
- Type N(Male) and N(Female) connector configuration
- 50 Ω Impedance

Specifications

Model	Frequency range (GHz)	Test port connector	Characteristic impedance (Ω)
OSLN50-1	DC to 6	N(m)	50
OSLNF50-1	DC to 6	N(f)	50

Temperature range: +25°C ±5°C

Ordering information

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

Model/Order No.	Name
	Open/Short/Load
OSLN50-1	DC to 6 GHz, N(m), 50 Ω
OSLNF50-1	DC to 6 GHz, N(f), 50 Ω