

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 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 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 |
| 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 67 | 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 67 GHz, V(m), 50 Ω |
| 22VF50 | DC to 67 GHz, V(f), 50 Ω |