

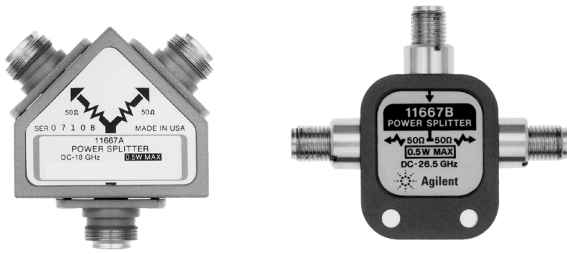
# Agilent RF and Microwave Test Accessories

## Power Dividers and Splitters

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### Agilent 11667A,B power splitters

These power splitters feature excellent match and tracking between outputs, operating from dc to 26.5 GHz. Power splitters are recommended for external source leveling and ratio measurements.

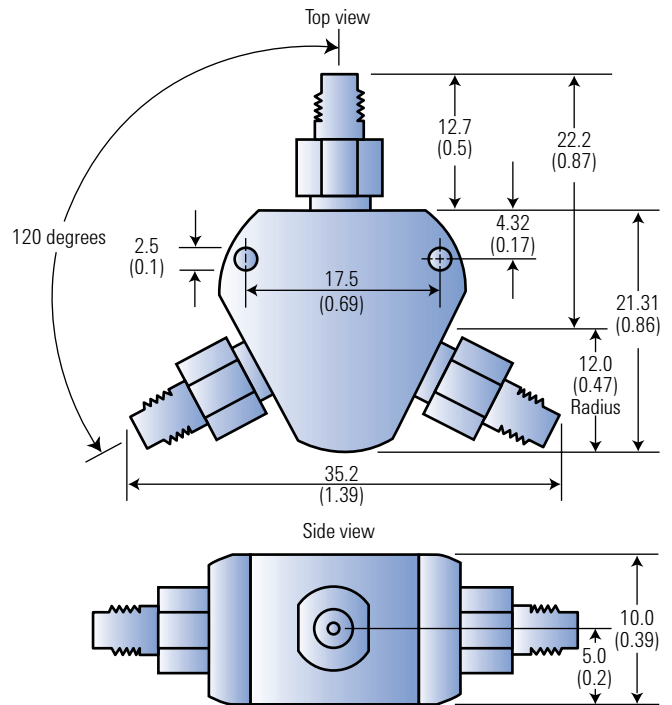


Agilent 11667A

Agilent 11667B



Agilent 11667C



Dimensions are in mm (inches) nominal, unless otherwise specified.

### Agilent 11667C power splitter

This two-resistor power splitter is recommended for applications that require external source leveling, or for ratio measurements. It covers the entire dc to 50 GHz frequency band by use of 2.4 mm connectors and advanced micro-circuitry for the resistive components. These two-resistor type splitters provide excellent output SWR at the auxiliary arm when used for source leveling or ratio measurement applications. The tracking between output arms over a frequency range from dc to 50 GHz allows wideband measurements to be made with a minimum of uncertainty.

| Specifications                     |                 |                                      |                     |   |                                |                               |                         |
|------------------------------------|-----------------|--------------------------------------|---------------------|---|--------------------------------|-------------------------------|-------------------------|
| Agilent model                      | Frequency range | Equivalent output SWR (nominal 50 Ω) | Maximum input power | Nominal Insertion loss (input to either output) | Tracking between any two ports | Connectors                    | Shipping weight lb (kg) |
| 11667A<br>Option 001<br>Option 002 | dc to 18.0 GHz  | 1.10: dc to 4 GHz                    | 0.5 W               | 7 dB  | 0.15 dB to 4 GHz               | N (f) all ports               | 0.2 (0.5)               |
|                                    |                 | 1.20: dc to 8 GHz                    |                     |   | 0.20 dB to 8 GHz               | Opt. 001: N (m) in, N (f) out |                         |
|                                    |                 | 1.33: dc to 18 GHz                   |                     |   | 0.25 dB to 18 GHz              | Opt. 002: N (f) in, APC-7 out |                         |
| 11667B                             | dc to 26.5 GHz  | 1.22                                 | 0.5 W               | 7 dB  | <0.25 dB                       | 3.5 mm (f) all ports          | 0.14 (0.3)              |
| 11667C                             | dc to 50 GHz    | 1.65                                 | 0.5 W               | 8.5 dB  | <0.40 dB                       | 2.4 mm (f) all ports          | 0.14 (0.3)              |

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