

16-Way Coaxial Power Splitter

DC-8GHz/24dB, Insertion Loss/5 dB, Isolation

Model: RS16DC80-S

The RS16DC80-S is a coaxial 16-way power splitter with a typical insertion loss of 24 dB at each output port and a minimum isolation of 5 dB across the frequency range of DC to 8 GHz. The power splitter has a forward power handling of 1 W (CW). The VSWR for all ports is 1.7:1 maximum. The RF connectors of the power splitter are SMA female connectors.

Features:

- Frequency range: DC-8GHz
- Low Insertion Loss
- Compact Package

Applications:

- Test Lab
- Sub-assemblies
- Test Instrumentations

Electrical Characteristics:

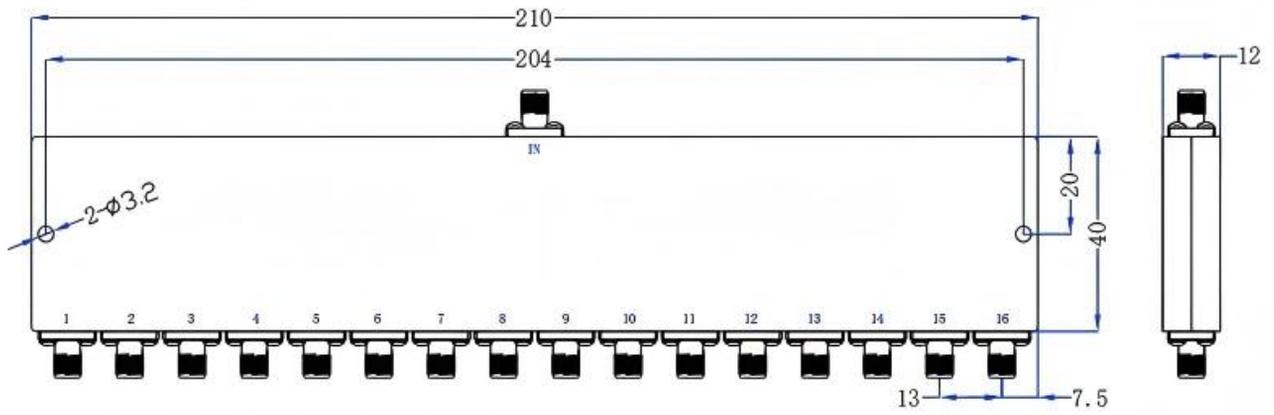
| Parameter | Min | Typ | Max | Units |
|-----------------|------|-----|------|-------|
| Frequency range | DC-8 | | | GHz |
| Insertion Loss | | | 24±5 | dB |
| Port Isolation | 5 | | | dB |
| Power Handling | | 1 | | W |
| Input VSWR | | | 1.7 | :1 |
| Output VSWR | | | 1.7 | :1 |
| Impedance | 50 | | | Ohms |

Mechanical Specifications:

| Parameter | Value | Units |
|-------------------------|-----------------------|-------|
| Operating Temperature | -40 to +85 | °C |
| Input /Output Connector | SMA Female/SMA Female | |
| Size | 210*40*12 | mm |

Outline Drawing:

Unit:mm



ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

Ordering Information:

| Base Number | Description | Revision |
|-------------|--|----------|
| RS16DC80-S | 16-Way Coaxial Power Splitter, DC-8GHz, Insertion loss:24dB, Port Isolation: 5dB | Rev.1.1 |