

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

电气特性 Electrical Characteristics:

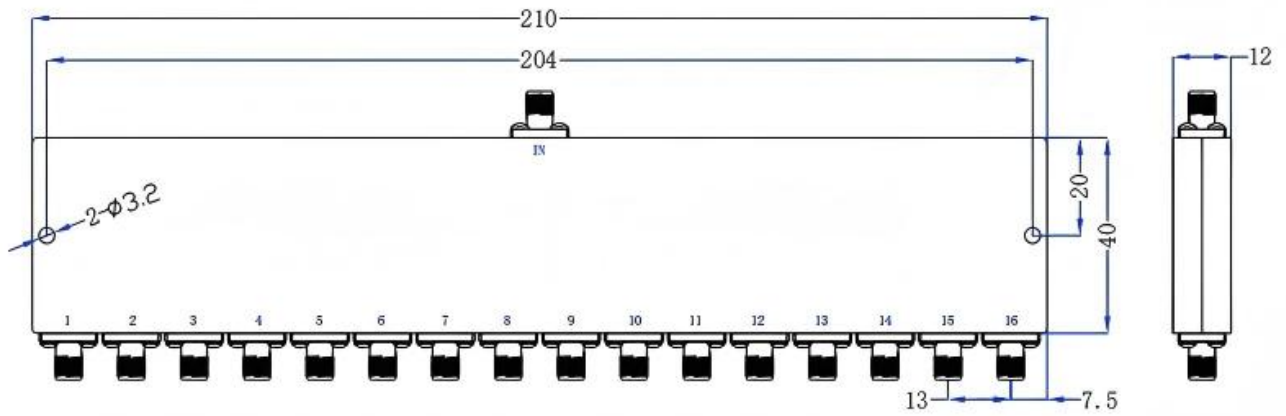
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency range	DC-8			GHz
插损 Insertion Loss			24±5	dB
端口隔离 Port Isolation	5			dB
耐受功率 Power Handling		1		W
输入驻波 Input VSWR			1.7	:1
输出驻波 Output VSWR			1.7	:1
阻抗 Impedance	50			Ohms

机械特性 Mechanical Specifications:

参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temperature	-40 to +85	°C
输入/输出接口 Input /Output Connector	SMA Female/SMA Female	
尺寸 Size	210*40*12	mm

外形图 Outline Drawing:

Unit:mm



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

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
RS16DC80-S	16-Way Coaxial Power Splitter, DC-8GHz, Insertion loss:24dB, Port Isolation: 5dB	Rev.1.1