


Components & Assemblies

Amplifiers

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Components and Assemblies

New!... SP10T Switch

- Frequency range 70 MHz to 14.5 GHz
- Minimum of 80 dB isolation

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Model: AFS2-01900210-30-23P-2-GW

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Description

Amplifier

Features

Low Noise ✓
 Package Coaxial

Frequency Range

Frequency Minimum 1500 (MHz)
 Frequency Max 1800 (MHz)

Electrical Specifications

Gain Minimum 50 (dB)
 Gain Flatness 0.5 (dB+/-)
 Noise Figure 0.6 (dB)
 Input VSWR 1.5:1 (Ratio)
 Output VSWR 1.5:1 (Ratio)
 Output P1dB 13 (dBm)
 Voltage 1 (Nominal) 15 (V)
 Current 1 (Nominal) 175 (mA)
 Impedance 50 (Ohms)

Typical Performance

Output P1dB 13 (dBm)
 Output IP3 23 (dBm)

Mechanical

Connector In SMA(F)
 Connector Out SMA(F)

Temperature Ranges

Specs Guaranteed 23 (°C)
 Operating Maximum -54 to 85 (°C)
 Storage Maximum -65 to 125 (°C)

Humidity

Humidity Percent 95 (%)
 NonCondensing 1

Vibration

Force 7 (Gs)
 Frequency Minimum 50 (Hz)
 Frequency Maximum 5000 (Hz)

Package Types

Package Coaxial

Delivery

Delivery 45 Days

Available Options

- L **Input Limiter (to +27dBm)**
- TC **Temperature Compensation**
- PM **Phase Match**
- AM **Amplitude Match**
- AMP **Amplitude and Phase match**
- GC **Gain control (up to 15 dB range)**
- GS **Gain slope**
- GW **Gain Window**
- PG **Gain and Phase Tracking**
- H **Hermetic (includes fine/gross leak test)**
- BTI **Bias via input**
- BTO **Bias via output**
- F **Fault alarm**
- K **K conn(not avail on all models)**
- N **N conn (not avail on all models)**
- T **TNC conn (not avail on all models)**
- M **SMA conn (not avail on all models)**
- KC **Kovar Chassis**
- PS15V-R **Power Supply**
- PS15V1 **Power Supply**
- PS12V-R **Power Supply**
- PS12V1 **Power Supply**

Options may not apply to all models.



For further information, pricing, and delivery please
contact **COMPONENT SALES**: 631-439-9220



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