The Model 284-0X RF Splitters are five or nine way, 950 - 2050 MHz, 0 dB gain splitters providing excellent RF characteristics. Each splitter has a monitor connector on the front panel and four or eight outputs on the back panel. A SiDactor surge suppressor on the RF input protects against high voltage transients. On the front panel, a green LED indicates the presence of DC voltage. Up to three 284s can be mounted on an 1 3/4” X 19” rack mount panel (option -R1, -R2, or -R3).

**EQUIPMENT SPECIFICATIONS**

**Input Characteristics**
- Input Impedance: 75Ω
- Return Loss: 12dB min, 14dB typ
- Input Level: -20 dBm total maximum

**Output Characteristics**
- Impedance: 75Ω
- Return Loss: 12dB min, 14dB typ

**In-Band Characteristics**
- Gain: 0 dB ± 1.0 dB
- Frequency Response: ± 1.0 dB, 950-2150 MHz; ± 0.5 dB, any 20 MHz increment
- Port to Port Isolation: > 18dB, 20dB typ

**Indicators**
- Power: Green LED indicates DC voltage prior to diode OR

**Other**
- Surge Suppressor: SiDACTOR
- RF connectors: Type F (female)
- Power: 115 VAC wall mount power supply
- Size (Bench Top): 4.7” wide x 1.75” high X 6.5” deep

**Options**
- -R1, -R2, or -R3: Rack mounting (mounted on a 19-inch standard (1RU) panel, 1.75” high x 7.0” deep)
- -C: No wall mount power supply (use 2000-02 model power supply)
- -P2: 100-240 ±10% VAC wall mount power supply
- -D: 50Ω BNC (RF), 50Ω BNC (IF) STD
- -W9: 10MHz pass through (J9 to J8)

**Models**
- 284-05: One 5-way Splitter
- 284-09: One 9-way Splitter

*10°C to 40°C; Specifications subject to change without notice*