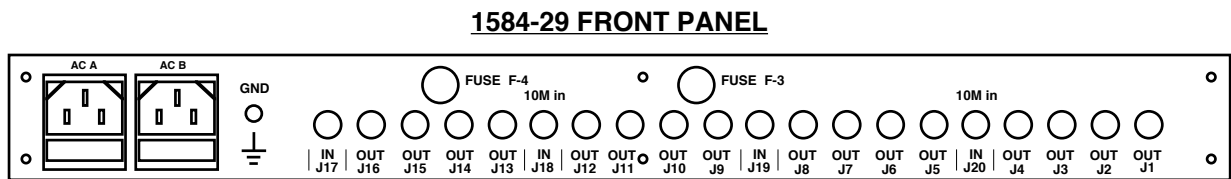
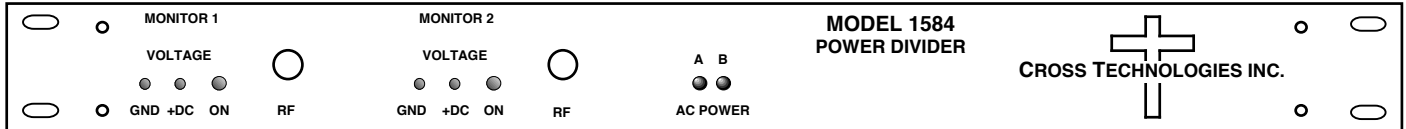


1584-29 RF Splitter, 0.95 - 2.15 GHz

The Model 1584-29 has two nine-way, 0.95 - 2.15 GHz, 0 dB gain splitters in a 1RU rack mount chassis with redundant 100-240 ± 10% VAC power supplies. Each splitter provides surge protection (to protect against high voltage transients) on the RF input and has eight outputs on the back panel and a monitor of the RF output on the front panel. Fused LNB power can be inserted on each RF input. Two individual 100-240 ±10% VAC input power supplies provide diode OR'd redundant power to the unit. On the front panel, two green LED's indicate the presence of DC voltage from each of the two power supplies, green LEDs indicate LNB power insertion on each channel, and two test points allow monitoring each LNB voltage. **Option E allows an external 10 MHz signal to be inserted on each RF input.**



EQUIPMENT SPECIFICATIONS***

Input Characteristics

Input Impedance 75Ω (Type F; 50, 75Ω BNC optional)
 Return Loss 10dB min, 14dB typ
 Input Level -20 dBm total maximum

Output Characteristics

Impedance 75Ω (Type F; 50, 75Ω BNC optional)
 Return Loss 10dB min, 14dB typ

In-Band Characteristics

Gain 0 dB ± 1.0 dB at 1.55 GHz
 Frequency Response ± 1.5 dB, .95 - 2.15 GHz;
 ± 0.5 dB, any 20 MHz incr.
 Port to Port Isolation > 18 dB, 20 dB typ
 Splitter to Splitter Isol. > 35 dB, 40 dB typ

Indicators

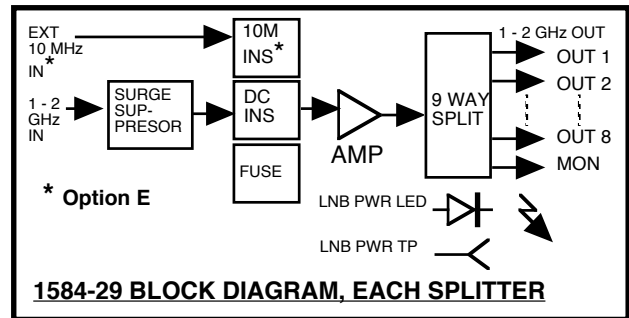
Power Green LED indicates DC voltage prior to diode OR
 LNB DC Voltage Green LED indicates LNB power insertion on splitter inputs (J17, J19)

Other

LNB DC voltage 22 ± 2 VDC
 Output LNB current 500 ma, max
 Surge Suppressor SiDACTOR
 RF connectors Type F (female)
 AC Power Redundant switching power supplies, 100-240 ± 10% VAC, 47 - 63 Hz, 40 watts max
 Mechanical 19 inch standard chassis 1.75" high X 12" deep

Options

B-20 75Ω, BNC RF Connectors
 D-20 50Ω, BNC RF Connectors
E External 10 MHz insertion (J18 and J20); 1dB max insertion loss; 75 Ω (works with 50 Ω)
W9 10 MHz pass through (J17 to J16) and (J19 to J8)



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