EM-2515 | Automatic Switching Unit

Description
The EM-2515 Automatic Switching Unit switches four input connectors between either of two output connectors from DC to 18 GHz. The unit can be operated using either the front panels controls or an external computer via the rear panel IEEE-488 Interface Bus Connector.

Specifications

Electrical

Frequency Range: DC-18 GHz  
RF Inputs: 4  
RF Outputs: 2  
Insertion Loss: 1.5 dB typical  
2.5 dB max  
Input Impedance: 50 ohms, nominal  
Output Impedance: 50 ohms, nominal  
VSWR (into 50 ohms): 2.0:1 typical  
3.0:1 worst case  
Isolation (output to output): 50 dB  
Switching Speed: 50 ms  
Switching Life: 1 x 10⁶ switches  
Maximum RF Power Input: 50 Watt average  
@ 18 GHz 100 Watts peak  
(Maximum Pulse Width: 10 µs)  
RF Connectors (Input/Output): Precision Type N female  
Input Voltage: 105-265 VAC, 47-440 Hz  
Power Consumption: 12 watts (maximum)

Mechanical

Length: 180 mm (7")  
Width: 165 mm (6.5")  
Height: 130 mm (5")  
Weight: 2.3 kg (5 lbs)

Environmental

Operating Temperature: 0°C to 50°C  
Storage Temperature: -40°C to 75°C

Specifications subject to change without notice.  
Unless otherwise specified, product is manufactured in Johnstown, NY USA.

Ref: 100405