

Distribution Frame Cable Splitter

DFCS-24/32



Features & Benefits

- High Isolation Between Ports
- Built-in Input Test Port Permits Testing with Uninterrupted Service

The Blonder Tongue DFCS 24/32 are 5-1000 MHz passive rack mounted splitters with 24 or 32 broadband output ports.

The DFCS 24/32 features high isolation between ports and low insertion loss. A -20 dB test port on the front panel permits testing without removing the unit from service.

Two or more units may be used to provide the required number of output ports based upon system requirements.

The DFCS 24/32 are compact, 1 3/4" high units designed for mounting in a standard 19" EIA rack.

Specifications

RF

Frequency Range: 5-1000 MHz

Insertion Loss:

- @ 5 - 40 MHz: 17.2 dB
- @ 40 - 450 MHz: 17.5 dB
- @ 450 - 750 MHz: 19.0 dB
- @ 750 - 1000 MHz: 20.0 dB

Isolation:

- @ 5 - 40 MHz: 30 dB
- @ 40 - 450 MHz: 32 dB
- @ 450 - 750 MHz: 30 dB
- @ 750 - 1000 MHz: 28 dB

Test Point Loss: 20 dB

Input Return Loss:

- @ 5 - 750 MHz: 20 dB
- @ 750 - 1000 MHz: 18 dB

Output Return Loss:

- @ 5 - 450 MHz: 20 dB
- @ 450 - 1000 MHz: 18 dB

Impedance: 75 Ω

Mechanical

Dimensions (L x W x D):

- 19 x 1.75 x 8 in
- 483 x 44 x 203 mm

Weight: 7.0 lbs., 3.18 kg

Connectors

Input: "F" Female

Output: "F" Female

Input -20 dB Test Port: "F" Female

Ordering Information

Model	Stock No.	Description
DFCS-24	5798	Passive Splitter, 5-1000 MHz, 24 Ports
DFCS-32	5799	Passive Splitter, 5-1000 MHz, 32 Ports