

Lowpass & Highpass Filters For Fiber Communications

10366 Lowpass Filters

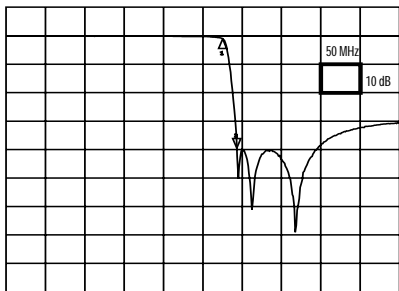


10366 Series

These filters isolate bands below the designated cut-off frequency before they are combined for fiber runs. The passband is defined as 50 MHz to any cut-off frequency up to 600 MHz.

Specifications:

- Frequency Cut-off Option: ... 50-600 MHz
- Insertion Loss: 4 dB Max at Fc (1 dB typ)
- Return Loss: 14 dB Min (16 dB typ)
- Ripple: ± 0.25 dB
- Delay Variation: 20 ns Max
(Cut-off frequency -4.5 MHz)
- Rejection: 7 dB approximate at cut-off frequency +6 MHz
20 dB approximate at cut-off frequency +12 MHz
30 dB min at cut-off frequency +18 MHz to 750 MHz



Typical Frequency Response of 10366

Mechanical Specifications:

- Baseplate Dimensions: 6" x 2.25"
- Rack Mount Available Upon Request
- Connectors: 75 ohm - Type "F"

Ordering Information:

- 10366-(Fc)
- Fc = cut-off frequency

10365 Highpass Filters

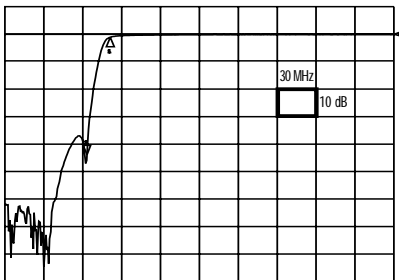


10365 Series

These filters isolate bands above the designated cut-off frequency before they are combined for fiber runs. Passes from cut-off frequency (Fc) to 750 MHz.

Specifications:

- Frequency Cut-off Option (Fc): .. 50-600 MHz
- Insertion Loss: 4 dB Max at Fc (1 dB typ)
- Return Loss: 14 dB Min (16 dB typ)
- Ripple: ± 0.25 dB
- Delay Variation: 20 ns Max
(Cut-off frequency + 4.5 MHz)
- Rejection: 7 dB approximate at cut-off frequency -6 MHz
20 dB approximate at cut-off frequency -12 MHz
30 dB min at cut-off frequency, -18 MHz down to 50 MHz



Typical Frequency Response of 10365

Mechanical Specifications:

- Baseplate Dimensions: 6" x 2.25"
- Rack Mount Available Upon Request
- Connectors: 75 ohm - Type "F"

Ordering Information:

- 10365-(Fc)
- Fc = cut-off frequency

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