

PCI FILTERS®

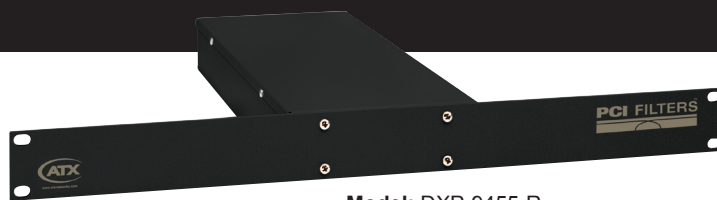
Split Band Filter for 1550nm Fiber Optic Links:

Application:

The DXP-9455 is a selective duplex filter that provides customer specified 1 dB points that cross over so the passband is removed from the filter knee ensuring low group delay. The passband has less than 1 dB ripple to 1000 MHz.

Features:

- ▶ Flat response to 1000 MHz
- ▶ Factory aligned to customer frequencies
- ▶ Low group delay in passband
- ▶ Excellent noise rejection
- ▶ Rack mounted, up to 2 per single rack unit
- ▶ No frequency band is lost
- ▶ "F" type connectors standard

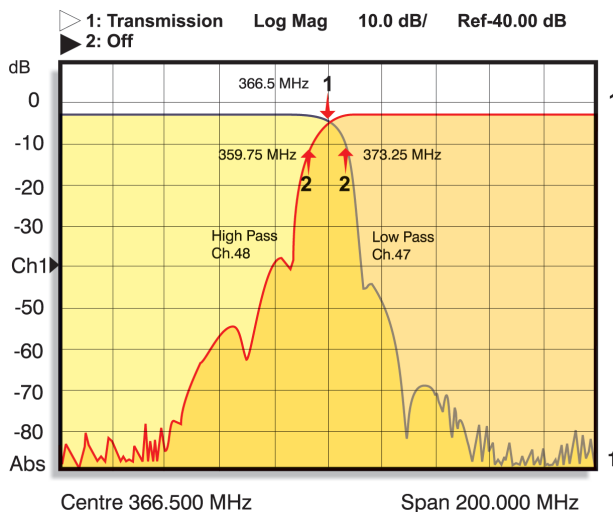


Model: DXP-9455-R

Dimensions: 1.75"H x 19.0"W x 13.5"D
(4.45H x 48.26W x 34.29D cm)

Technical Specifications

SPECIFICATIONS	DXP-9455
PASSBAND FREQUENCIES	5 MHz to 1000 MHz
RIPPLE	± 0.5 dB in Passband
GROUP DELAY	< 20 nS per Channel
INSERTION LOSS	3.5 dB / < 5.5 dB @ Knees Including 3.5 dB Insertion Loss
STOPBAND REJECTION	> 10 dB / 7.5 MHz from Knee > 55 dB / 30 MHz from Knee
RETURN LOSS	> 15 dB at Hi/Lo Ports
IMPEDANCE	75 Ohms



Ordering Information

Part Number	Description
DXP-9455*/*	Selective Duplex (Specify *lowest/*highest channel to be passed)



Specifications subject to change without notice.



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