

PCI FILTERS®

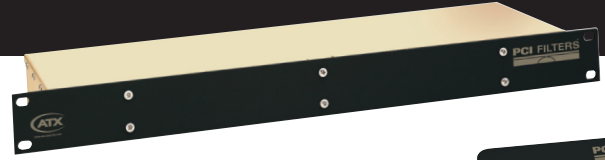
High Performance Diplex Filter Network:

Application:

The DXP-9655-D high performance filters are used to separate or combine Sub VHF and VHF frequencies. Designed for headend applications to launch and/or combine upstream and downstream signals.

Features:

- ▶ Separates the entire TV spectrum into "Low Band" and "High Band" outputs
- ▶ Can also combine these High & Low bands to a common output
- ▶ "F" type connectors standard
- ▶ DXP-9655-D features extremely low group delay
- ▶ DXP-9655-HN is a Multiple Diplex Filter Network
- ▶ From 1 to 8 diplex filters can be mounted in a single 1.75" headend rack
- ▶ Custom tailored cross-over frequencies available on request



Model: DXP-9655-HN
Dimensions: 1.75"H x 19.0"W x 2.25"D
 (4.45H x 48.26W x 5.72D cm)



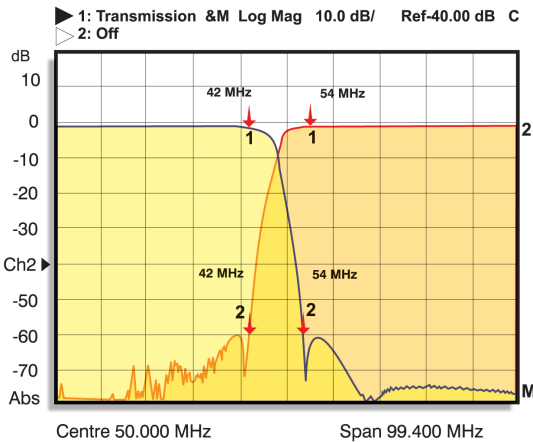
Model: DXP-9655-D
Dimensions: 1.25"H x 4.5"W x 2.25"D
 (3.18H x 11.43W x 5.72D cm)

Technical Specifications

SPECIFICATIONS	
LOW PASS PORT	
FLATNESS	± 0.25 dB
INSERTION LOSS @ 42 MHz	< 0.8 dB
REJECTION 54 MHz - 1 GHz	> 55 dB
GROUP DELAY AT T12	< 15 nS
RETURN LOSS	5-42 MHz > 20 dB
HIGH PASS PORT	
FLATNESS	± 0.25 dB
INSERTION LOSS @ 54 MHz	< 0.8 dB
REJECTION 5-42 MHz	> 55 dB
RETURN LOSS	54 MHz - 1 GHz > 20 dB
GROUP DELAY CH-2	< 15 nS
IMPEDANCE	75 Ohms
TEMPERATURE RANGE	+5°C to +35°C (+41°F to +95°F)

Ordering Information

Part Number	Description
DXP-9355	Diplex - Customer Specified Frequency
DXP-9655-D	Diplex (5-42 MHz / 54 MHz - 1 GHz)
DXP-9655-HN0	Diplex Headend Network - incl. no DXP-9655M IN 1-3/4" Rack Mount
DXP-9655-HN1	Diplex Headend Network - incl. 1 DXP-9655M IN 1-3/4" Rack Mount
DXP-9655-HN2	Diplex Headend Network - incl. 2 DXP-9655M IN 1-3/4" Rack Mount
DXP-9655-HN3	Diplex Headend Network - incl. 3 DXP-9655M IN 1-3/4" Rack Mount
DXP-9655-HN4	Diplex Headend Network - incl. 4 DXP-9655M IN 1-3/4" Rack Mount
DXP-9655-HN5	Diplex Headend Network - incl. 5 DXP-9655M IN 1-3/4" Rack Mount
DXP-9655-HN6	Diplex Headend Network - incl. 6 DXP-9655M IN 1-3/4" Rack Mount
DXP-9655-HN7	Diplex Headend Network - incl. 7 DXP-9655M IN 1-3/4" Rack Mount
DXP-9655-HN8	Diplex Headend Network - incl. 8 DXP-9655M IN 1-3/4" Rack Mount
DXP-9655-M	Additional Diplex Modules for DXP-9655-HN



Specifications subject to change without notice.



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