

# HJ SERIES

## LOW COST TRIPLE HDTV FILTERS

The HJ range of HDTV filters are ideally suited to monitor outputs where low cost is the prime objective. Triple package and SMD keep production costs at a minimum.

- Low cost
- Monitor quality
- Pre and Post, Luminance and Chrominance filters
- Miniature size triple filters

<i>Channel Description</i>	Y, R, G, B	U, V
<i>Filter Shape</i>	Lowpass	Lowpass
<i>Sampling Frequency</i>	74.25 MHz	37.125 MHz
<i>Insertion Loss at 100 kHz</i>	< 1.0 dB	< 1.0 dB
<i>End Of Passband</i>	30.0 MHz	14.5 MHz
<i>Passband Amplitude Ripple</i>	< 0.5 dB	< 0.5 dB
<i>Atten @ ½ S.F.</i>	12 ± 3 dB	12 ± 3 dB
<i>Start Of Stopband</i>	44.25 MHz	22.625 MHz
<i>Stopband Attenuation wrt 100 kHz</i>	> 35 dB target > 30 dB spec	> 35 dB target > 30 dB spec
<i>Stopband Measured To</i>	100 MHz	100 MHz
<i>Delay Time at 200 kHz</i>	Single clock cycle delay between Luma and Chroma channels	
<i>Rejection Notch@ S.F.</i>	> 45 dB	> 45 dB
<i>Impedance</i>	75 ohms	75 ohms
<i>Temperature Range</i>	0 to 70 °C	0 to 70 °C
<i>Aqueous Washable</i>	Yes	Yes
<i>Package</i>	DR00293B	DR00293B

### Order Codes

HJYUVF – HDTV 4:2:2 Sampling Antialiasing Filter  
 HJRGBF – HDTV 4:2:2 Sampling Antialiasing Filter  
 HJYUVS – HDTV 4:2:2 Sampling Reconstruction Filter with sinx/x correction.  
 HJRGBS – HDTV 4:2:2 Sampling Reconstruction Filter with sinx/x correction.

Connection Diagram Available on Request

# PACKAGE DETAIL

