

BANDPASS FILTERS FOR SOUND TRANSMISSION ON TV LINKS

It is often desirable for operators of video links to utilise the spare bandwidth above the video band to carry radio or telephony channels. These channels are modulated onto sub-carriers, often in pairs.

The filters offered in this range are for the separation of the sub-carrier channels from the video band. They are designed on centre frequencies of 6.20, 6.80, 7.02, 7.50, 8.065, 8.59 and 10.70 MHz. The passband and stopband widths are shown below. The group delay is approximately parabolic in shape about the centre frequency.

Similar filters with other centre frequencies, bandwidths or impedances may be available on request.

Order Code	Centre Freq. MHz	Passband Width MHz	Stopband	
			30 dB	Bandwidth 40 dB
BN0620A	6.200	0.25	0.80	1.00
BN0680A	6.800	0.25	0.80	1.00
BN0702A	7.020	0.25	0.80	1.00
BN0750A	7.500	0.25	0.80	1.00
BN0807A	8.065	0.25	0.80	1.00
BN0859A	8.590	0.25	0.80	1.00
BW0620A	6.200	0.50	1.50	2.00
BW0680A	6.800	0.50	1.50	2.00
BW0702A	7.020	0.50	1.50	2.00
BW0750A	7.500	0.50	1.50	2.00
BW0807A	8.065	0.50	1.50	2.00
BW0859A	8.590	0.50	1.50	2.00

<i>Impedance</i>	75 ohms
<i>Temperature Range</i>	0°C to 70°C
<i>Aqueous Washable</i>	No
<i>Package</i>	DR00009B

PACKAGE DETAIL

