

Diplexers and Multiplexers



- Other Frequency bandwidths and Custom are available
- Operating temperature -30°C to +85°C

Part Number	Channel Frequency Low-High (MHz)	Insertion Loss		Passband Ripple (p-p)	Isolations Minimum	Return Loss (dB)	Stopband Attenuation (dB)	Dimension s in mm	Outline
		(dB) Max	(dB) Typ						
DPN825-909-3	825-880 909-960	0.8	0.5	0.5	85db	18	≥ 88dB @ Channel	176 x 160 x 51	DP1
DPN825-870-3	825-835 870-880	1.8	1.5	0.7	85db	18	≥ 90dB @ Channel	185 x 65.5 x 52	DP2
DPN890-935-3	890-915 935-960	1.8	1.5	0.5	85db	18	≥ 85dB @ Channel	172 x 60 x 40	DP3
DPN909-954-3	909-915 954-960	1.0	0.6	0.5	85db	18	≥ 80dB @ Channel	178 x 91.5 x 43	DP4
DPN1920-2100-3	1920-1980 2100-2170	1.0	0.8	0.5	85db	18	45dB @ $f_c \pm 7.5\text{MHz}$ 90dB @ Channel	144 x 140 x 39.5	DP5

Cavity Bandpass Filters



- Other Frequency bandwidths and Custom are available
- Operating temperature -30°C to +85°C

Part Number	Frequency Low-High (MHz)	Insertion Loss		Passband Ripple (p-p)	Isolations Minimum	Return Loss (dB)	Outband Rejection (dB)	Dimension s in mm	Outline
		(dB) Max	(dB) Typ						
FS1930-1	1900-1960	<1.8	1.5	-	85db	20	40dB @ $f_c \pm 14\text{MHz}$ 70dB @ $f_c \pm 25\text{MHz}$	152x102x50.8 mm	F1
FS2500-1	2470-2530	<1.8	1.5	-	85db	20	40dB @ $f_c \pm 14\text{MHz}$ 70dB @ $f_c \pm 25\text{MHz}$	152x84x34 mm	F2