

FB1267

<i>Filter Shape</i>	Bandpass
<i>Centre Frequency F_0</i>	36.0 MHz
<i>Insertion Loss at F_0</i>	< 3.5 dB (typically 2.9 dB)
<i>Passband</i>	36 ± 10 MHz
<i>Passband Amplitude Ripple²</i>	< 0.2 dB ¹ pk-pk (target) < 0.3 dB ¹ pk-pk (spec.)
<i>Passband Group Delay Ripple</i>	< 4 ns ¹ (target) < 6 ns ¹ (spec.)
<i>Attenuation at 53.5 MHz wrt 36 MHz</i>	> 55 dB
<i>Stopband Attenuation wrt 36 MHz</i>	> 50 dB from 67 to 100 MHz > 40 dB from 100 to 150 MHz > 28 dB below 22.3 MHz (target) > 25 dB below 22.3 MHz (spec.)
<i>Impedance</i>	50 ohms
<i>Operating Temperature</i>	0°C to 70°C
<i>Aqueous Washable</i>	No
<i>Package</i>	DR00237A

¹When measured against system response values in table 1.

² Passband Amplitude Ripple typically increases by 0.1 dB over temperature range.

Frequency MHz	Amplitude dB	Delay ns
26	0	0
27	-0.009	-1.699
28	-0.023	-3.119
29	-0.036	-4.305
30	-0.049	-5.293
31	-0.059	-6.117
32	-0.069	-6.808
33	-0.077	-7.388
34	-0.084	-7.876
35	-0.091	-8.285
36	-0.098	-8.626

Frequency MHz	Amplitude dB	Delay ns
37	-0.105	-8.908
38	-0.113	-9.133
39	-0.121	-9.308
40	-0.128	-9.432
41	-0.138	-9.508
42	-0.147	-9.533
43	-0.157	-9.510
44	-0.168	-9.435
45	-0.179	-9.308
46	-0.192	-9.124

PACKAGE DETAIL

