

48.25MHz Band-Pass Filter

FB-48.25M is band pass filter with very high stop-band rejection ratio. FB-48.25M low insertion loss and high attenuation in stop band provides for possibility of very flexible design of CATV-networks.

Technical specifications:

Parameter	Specification	Unit
Center frequency	48.25	MHz
Insertion loss at center frequency	<6	dB
Bandwidth 0.5dB	2	MHz
Bandwidth 40dB	10	MHz
Attenuation in stop-band	>60 typ.	dB
Return loss:	>12	dB
Impedance	75	Ω
Connector type	Port 1 Port 2	F-female F-male
Dimensions	119x21x21	mm



Figure 1: FB-48.25M.

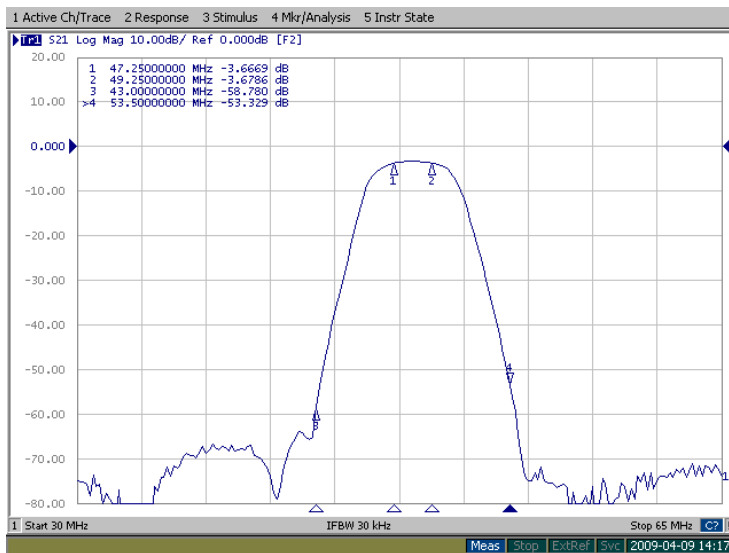


Figure 2: FB-48.25M transfer function in 30-65MHz band.

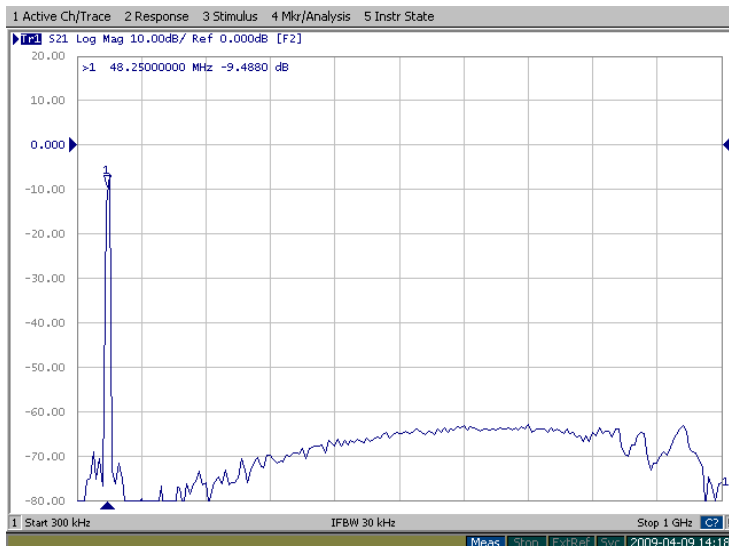


Figure 3: FB-48.25M transfer function 300kHz-1GHz band.