

743.25MHz Band-Pass Filter

FB-743.25M is band pass filter with very high stop-band rejection ratio. FB-743.25M 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 | 743.25 | MHz |
| Insertion loss at center frequency | <6 | dB |
| Bandwidth 0.5dB | 34 | MHz |
| Bandwidth 40dB | 128 | MHz |
| Attenuation in stop-band | >50 typ. | dB |
| Return loss: | >12 | dB |
| Impedance | 75 | Ω |
| Connector type | | |
| Port 1 | F-female | |
| Port 2 | F-male | |
| Dimensions | 94x21x21 | mm |



Figure 1: FB-743.25M.

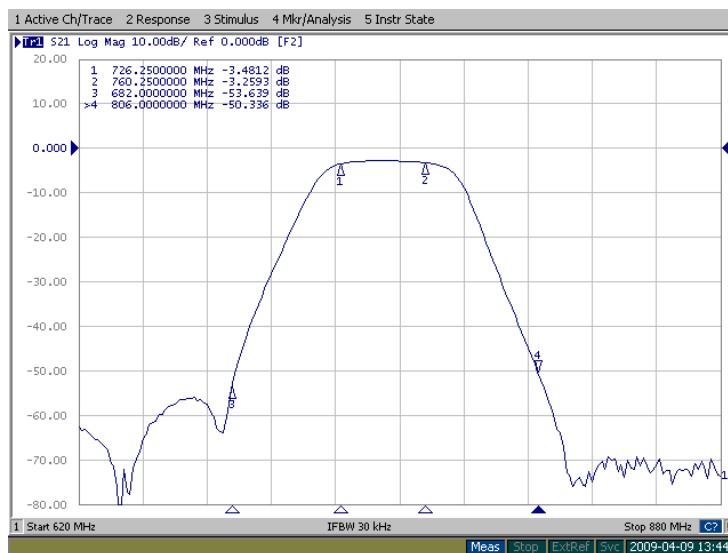


Figure 2: FB-743.25M transfer function in 620-880MHz band.

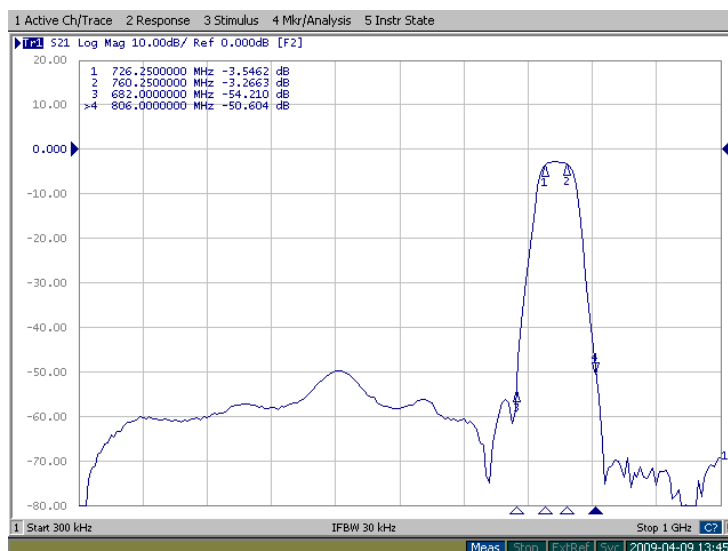


Figure 3: FB-743.25M transfer function 300kHz-1GHz band.