

## 695.25MHz Band-Pass Filter

FB-695.25M is band pass filter with very high stop-band rejection ratio. FB-695.25M 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                   | 695.25        | MHz      |
| Insertion loss at center frequency | <6            | dB       |
| Bandwidth 0.5dB                    | 34            | MHz      |
| Bandwidth 40dB                     | 126           | MHz      |
| Attenuation in stop-band           | >50 typ.      | dB       |
| Return loss:                       | >12           | dB       |
| Impedance                          | 75            | $\Omega$ |
| Connector type                     |               |          |
| Port 1                             | F-female      |          |
| Port 2                             | F-male        |          |
| Dimensions                         | 94x21x21      | mm       |



Figure 1: FB-695.25M.

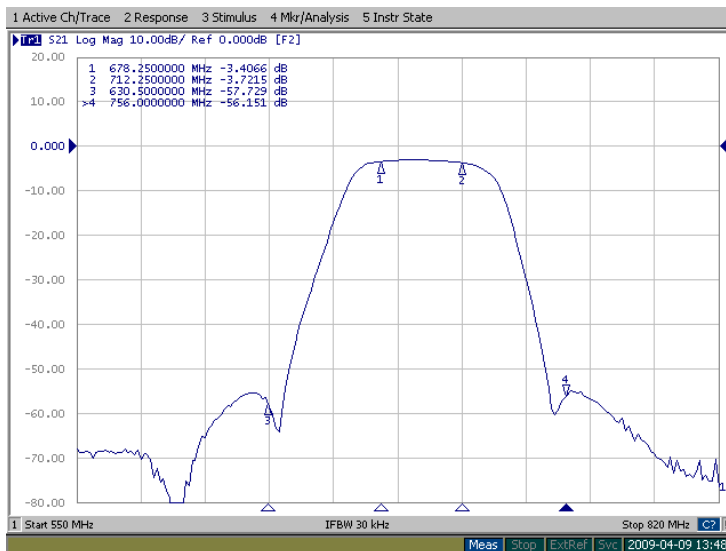


Figure 2: FB-695.25M transfer function in 550-820MHz band.

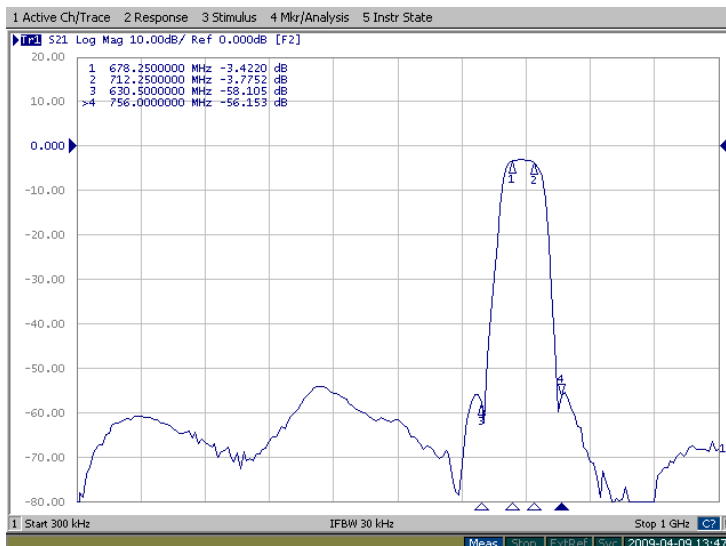


Figure 3: FB-695.25M transfer function 300kHz-1GHz band.