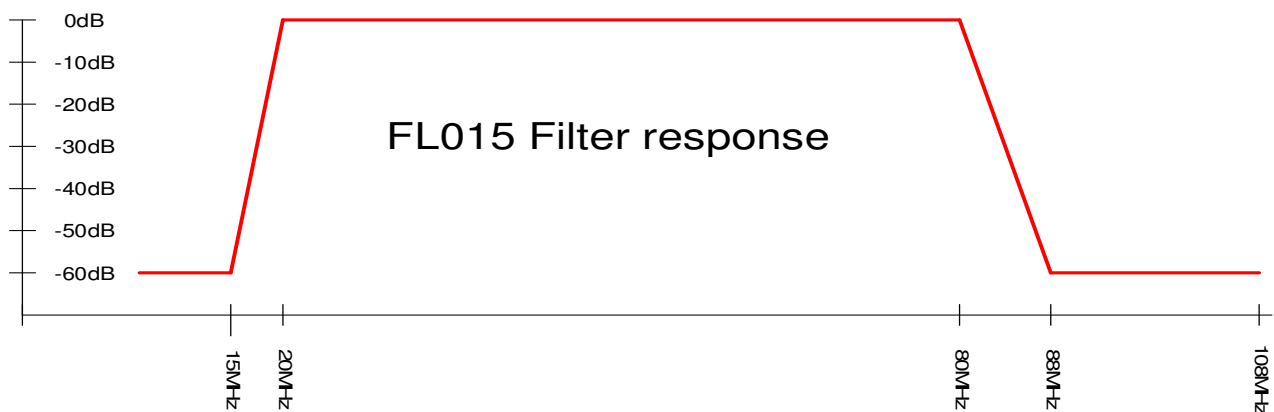


The FL015 Series of filters manufactured by Stancom are for interference mitigation. They are for use in wideband receiving systems 20-80MHz, to prevent blocking and intermodulation cause by high level adjacent signals from broadcast bands. DC-15MHz and 88-108 MHz.



Specifications:

Parameter	General	Limits
Frequency Range		20-80MHz
Pass band Loss Midband		> -0.5dB. (typ -0.27dB)
Pass band Loss 80MHz Band edge		> -1.35dB.
Pass band Loss 20MHz Band edge		> -1.0dB.
Rejection DC – 15Mhz		< -60dB
Rejection 88-108Mhz		< -60dB
Pass Band return loss		< -10dB. (VSWR Better than 2:1)
Input Impedance		50Ω
Output Impedance		50Ω
Case Size		100 x 65 x 30mm
Connectors		BNC, N-Type or SMA on request)



Typical Plots:-

Low Frequency Plot

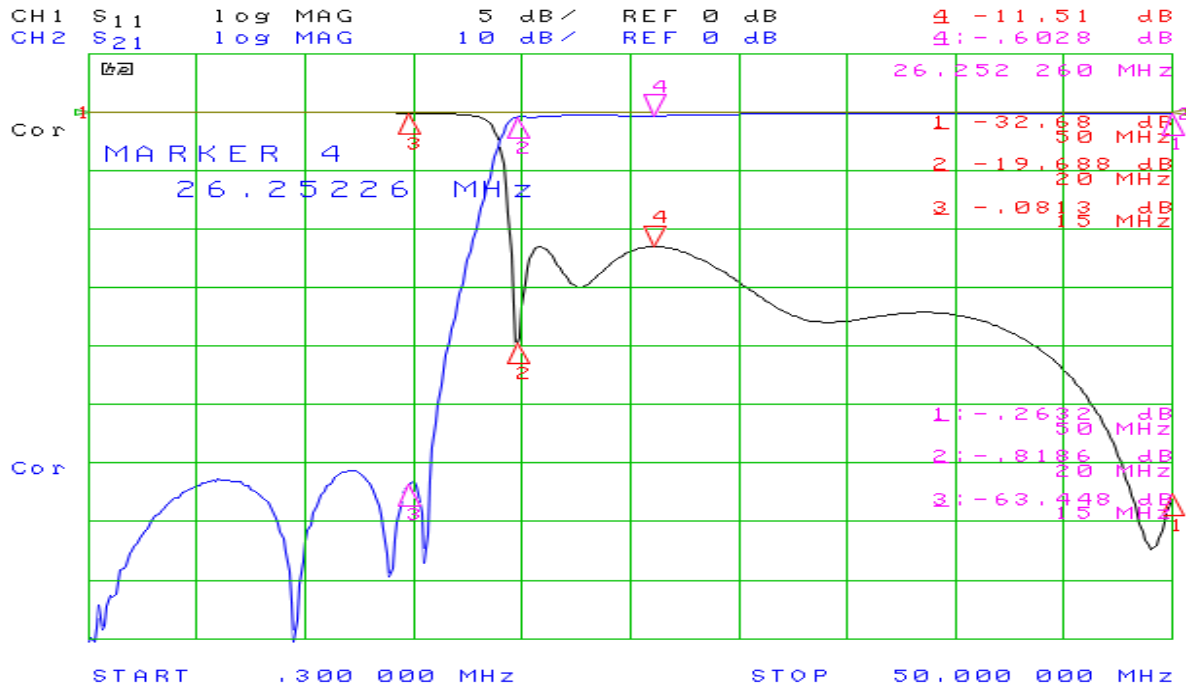


Figure 1 - DC - 50MHz - High Pass Response

High Frequency Plot

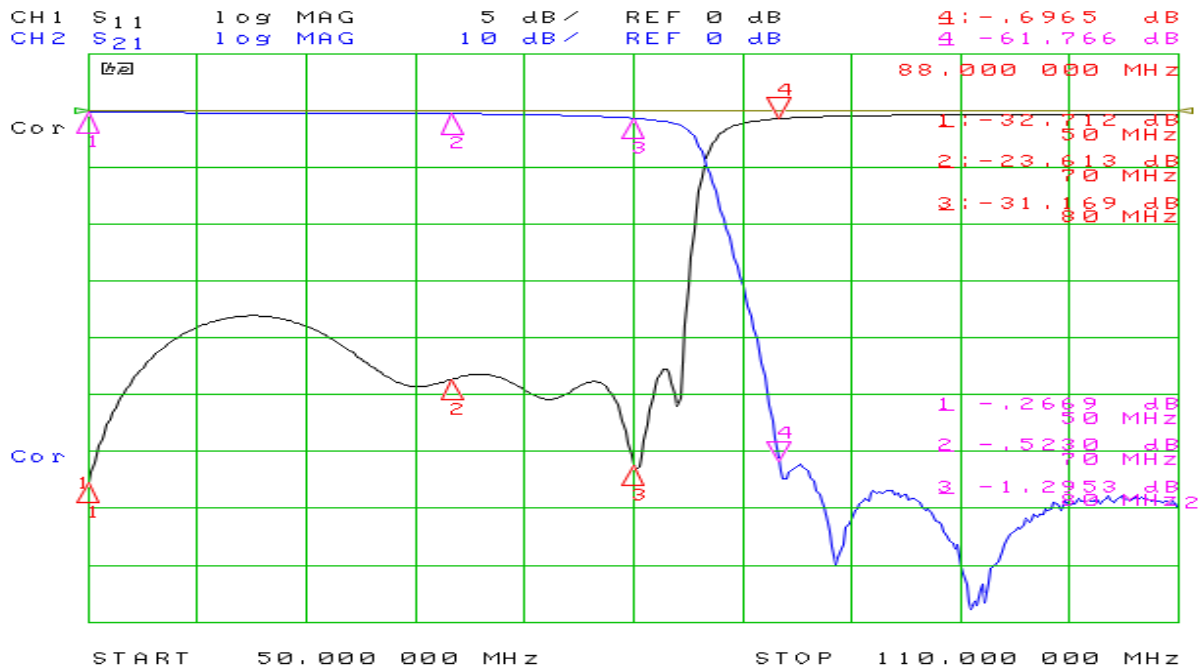


Figure 2 - 50MHz – 110MHz - Low Pass Response

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