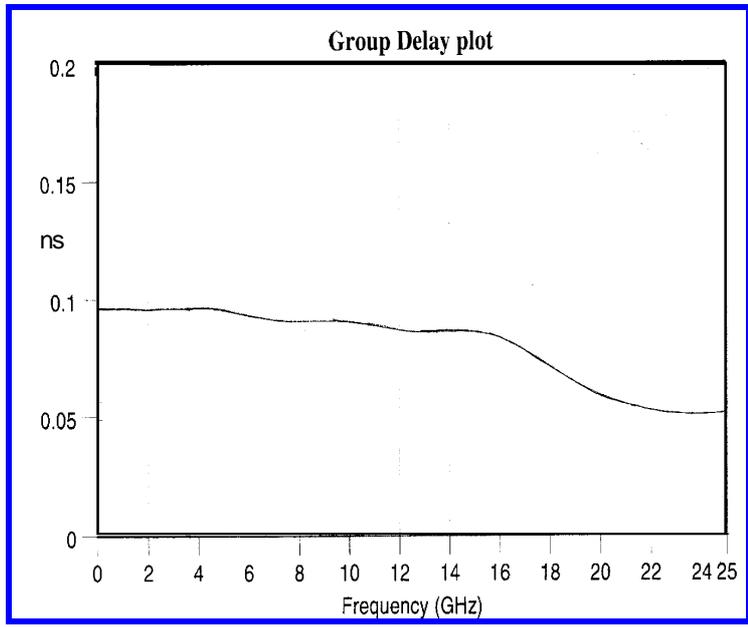
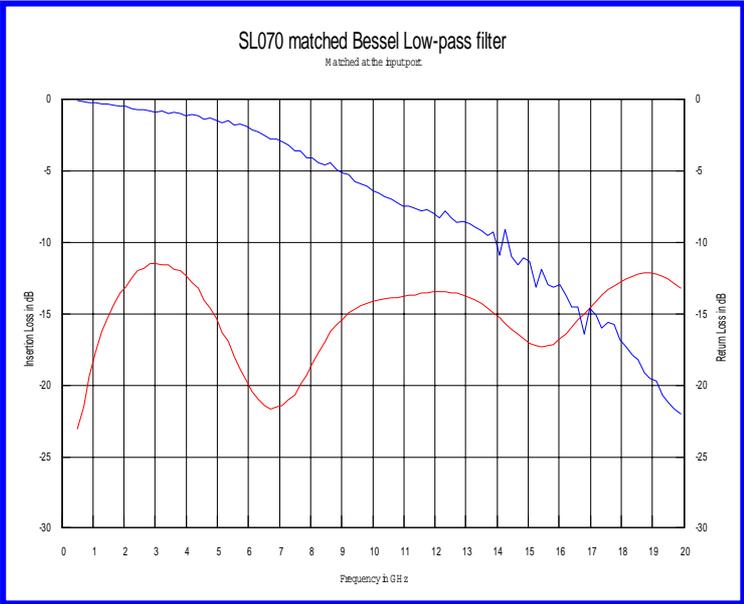


# Optical Communications

# SL070



## Matched Bessel Lowpass Filter

### Applications

- OC-192 Transmit/Receive
- Test Systems
- Pulse Shaping
- System Noise Reduction

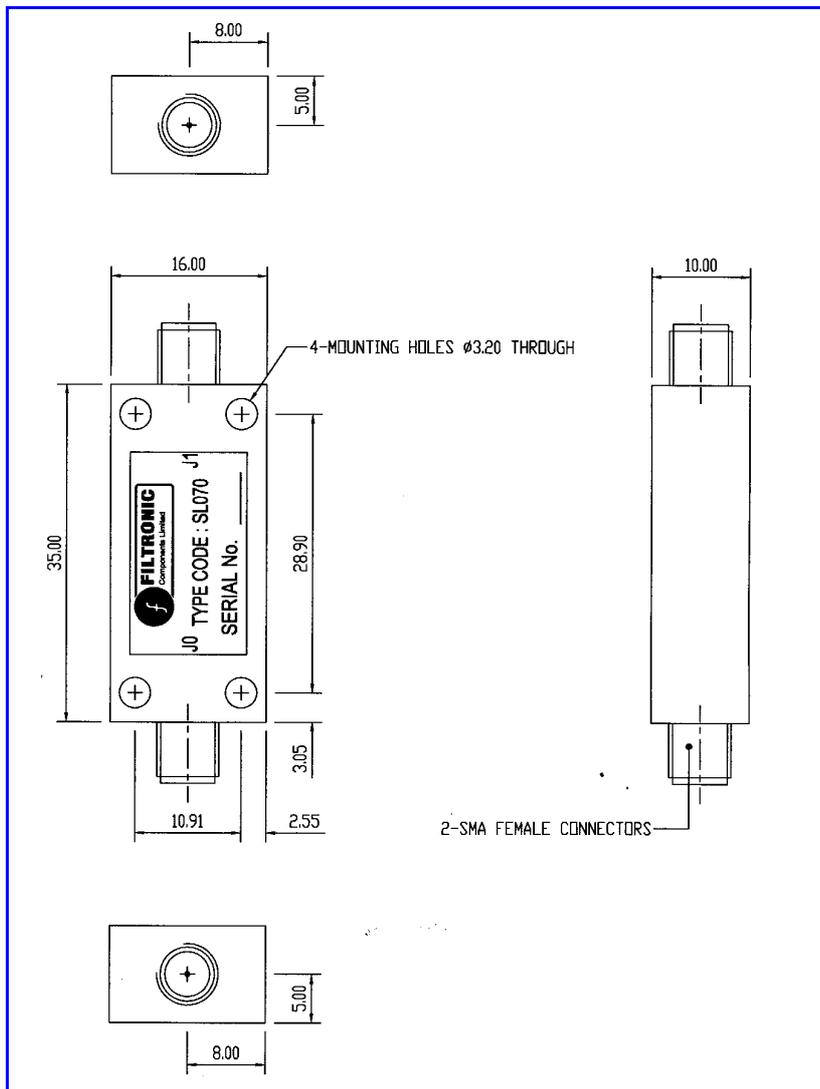
### Features

- Input Matched
- Low Insertion Loss
- Suspended Substrate Stripline
- High Reliability
- Linear Phase

Filtronic Suspended Substrate Stripline low-pass filters for optical communication systems have been designed with a Bessel phase performance and are suitable for use in TX/RX systems for pulse shaping and noise reduction and in BER test sets. A proprietary, passive, input matching circuit ensures that no energy is reflected in the stopband.

The SL070 is a five pole design, optimised for OC192/STM-64 systems. Other designs for OC48 and OC768 are available on request.

# Bessel Lowpass Filter SL070 Series



## Mechanical & Environmental

- SMA Connectors
- Epoxy Sealed
- Black Epoxy Finish
- Through Mounting Holes
- -30 to +70C

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