

Triplexer

R8502

DC-3 GHz (Crossovers at 100 and 1000 MHz) Triplexer

Smaller Size
Lighter Weight
Improved Performance



SPECIFICATIONS

Frequency Range DC - 3GHz

Crossover Frequencies
 f_{co}

Passbands

Channel 1	DC - 85 MHz
Channel 2	110 - 940 MHz
Channel 3	1070 - 3000 MHz

Passband Insertion Loss 1.0 dB max.

Crossover Insertion Loss 5.0 dB max. (4.0 dB typ.)

Rejection

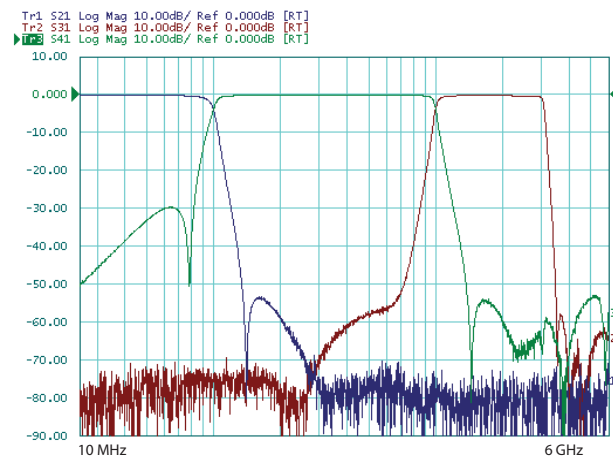
Channel 1	50 dB min. 140 - 3000 MHz
Channel 2	25 dB min. DC-60 MHz 50 dB min. 1400-3000 MHz
Channel 3	50 dB min. DC-700 MHz 50 dB min. 3500-7000 MHz

VSWR 1.5:1

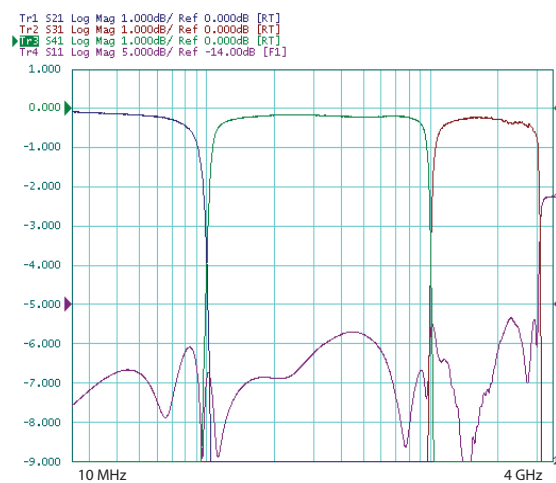
Size 1.27" W x 1.05" L x 0.45" H
(excluding connectors)

Connectors SMA female

Triplexer - Rejection



Triplexer - Insertion Loss and Return Loss



These units can be designed to your specification. Please contact Microphase for your special design requirements.