Freflex

Diplexer/Duplexer

FMP2-500-3550-1

0.5~1.9GHz, 1.9~3.55GHz

Features:
* High Stopband Rejection
* Small Size

Applications:
* Telecom
* Laboratory Test
* Transceivers
* Instrumentation

Electrical

Channel 1 (L):	0.5~1.9GHz
Channel 2 (H):	1.9~3.55GHz
Passband Insertion Loss:	2dB max.
Crossover Points Insertion Loss:	6dB typ.
Rejection (L):	50dB min. @DC~0.3GHz & 2.2~4.4GHz
Rejection (H):	50dB min. @DC~1.6GHz & 4~8GHz
VSWR:	2 max.
Input Power:	1W max.
Impedance:	50Ω

Mechanical

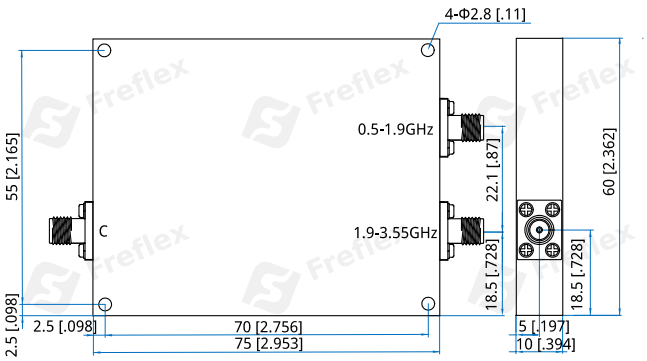
Size*1:	75*60*10mm 2.953*2.362*0.394in
RF Connectors:	SMA female
Mounting:	4-Φ2.8mm through-hole
Weight:	140g typ.

[1] Exclude connectors.

Environmental

Operating Temperature:	-40~+70°C

Outline Drawings



Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

How To Order

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Customization is available upon request.