

E-BAND DIPLEXER

Description

The E-Band Diplexer provides lower and upper pass bands of 71 to 76GHz and 81 to 86GHz. The diplexer is formed from Silver plated Brass, although an aluminium construction is also possible. Connection is made to the diplexer with WR-12 flange interfaces.

Specification

MESL E-Band Diplexer Specification	
Pass Band Frequencies:	71-76GHz & 81-86GHz
Return Loss:	14dB minimum
Insertion Loss:	0.7dB maximum
High/Low Channel Attenuation:	60dB minimum

E-Band Diplexer - Measured Performance

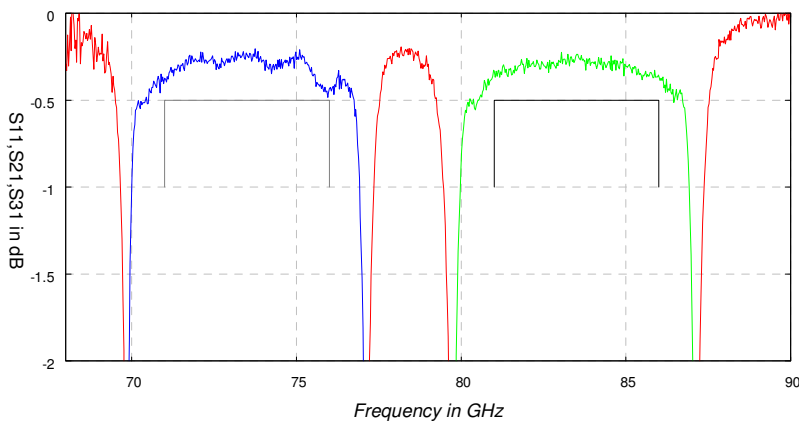


Fig.1.0 - Typical return loss and isolation of E-band diplexer

E-Band Diplexer - Measured Performance

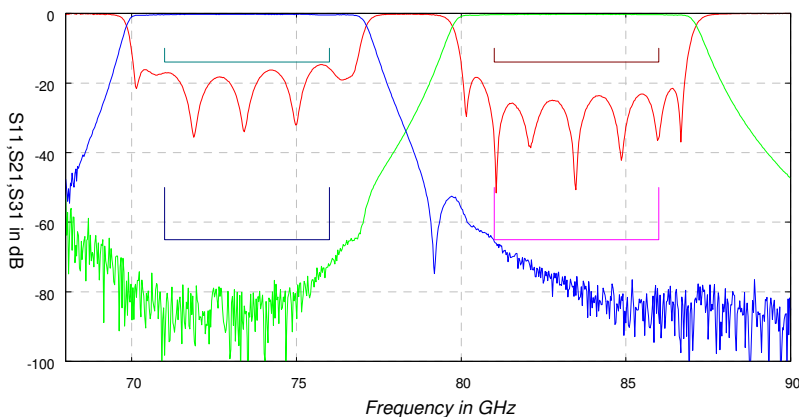
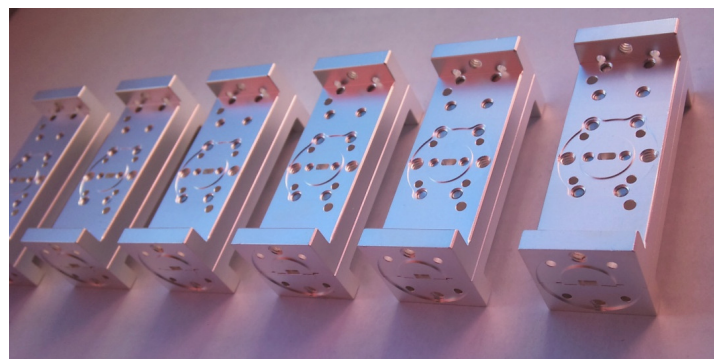
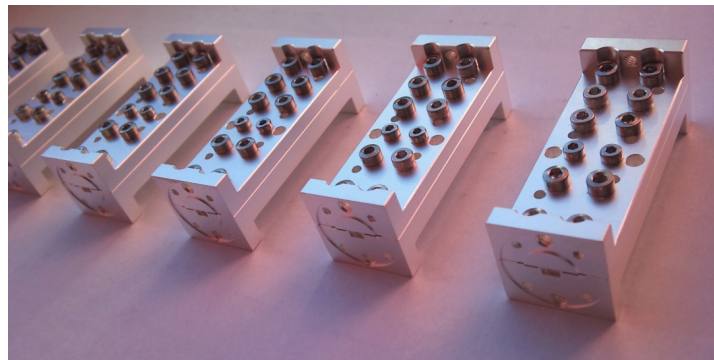


Fig.2.0 - Typical Insertion loss of E-band diplexer



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