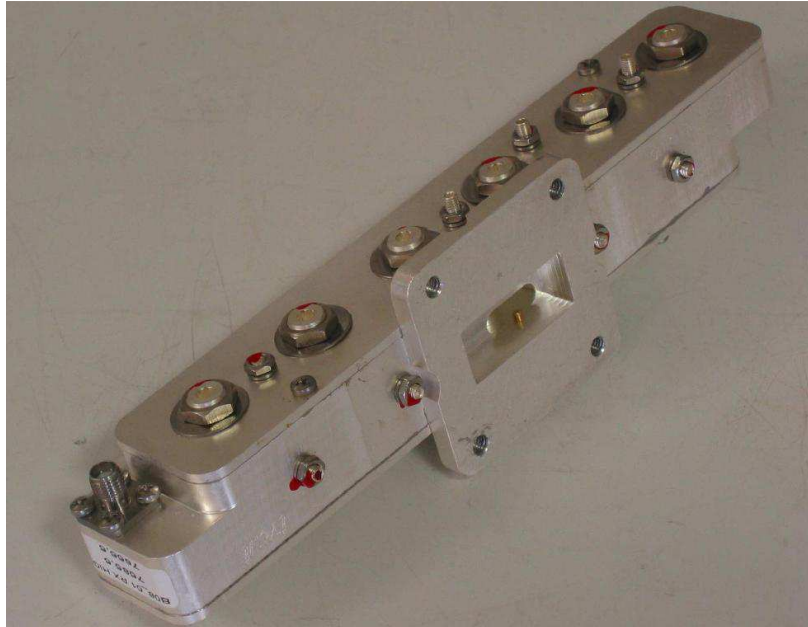


Diplexer 7 - 8 GHz

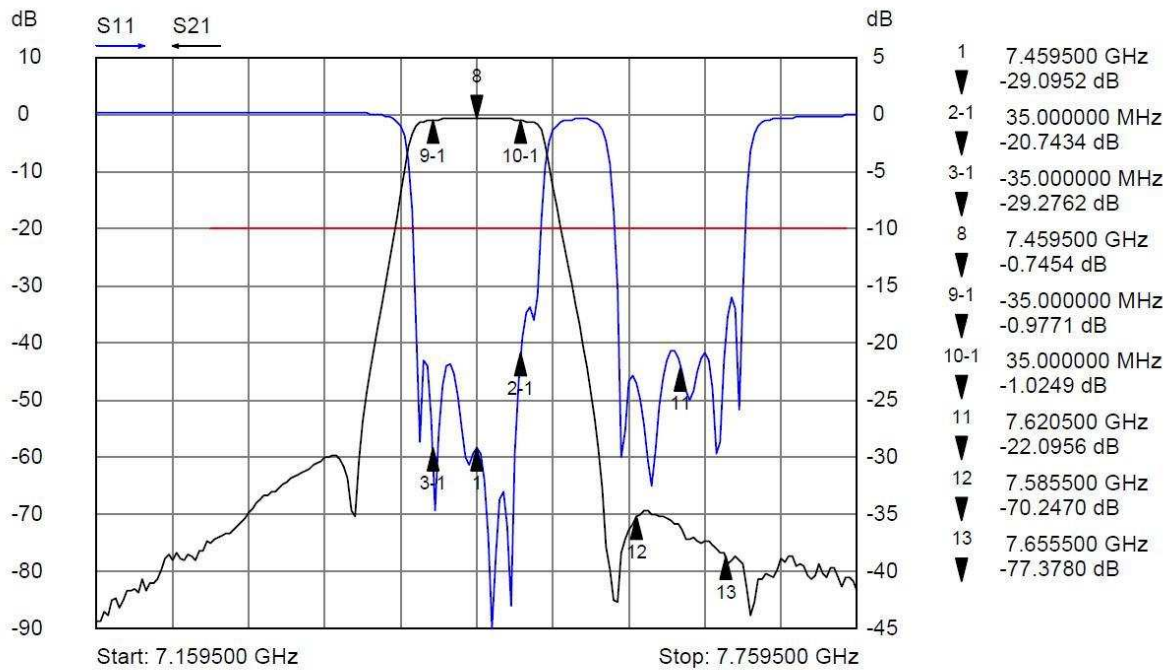


Main Electrical & Mechanical Characteristics

Frequency Range	7.1 – 8.5 GHz
Bandwidth	from 42 MHz to 100 MHz (depending on shifter)
Shifter	119 MHz - 154 MHz - 161 MHz - 168 MHz - 196 MHz - 245 MHz
Isolation TX-RX	> 65 dB
Insertion Loss	< 1.2 dB
Return Loss	> 18 dB
Group Delay	< 8 ns
Temperature Range	-35 ÷ + 70 °C
Dimensions	210 x 50 x 35 mm
Connectors	Flange WR12 (Antenna) 2 SMA-Female (Filters)

Measured Frequency Response (161 MHz Shifter)

Low Filter



High Filter

