

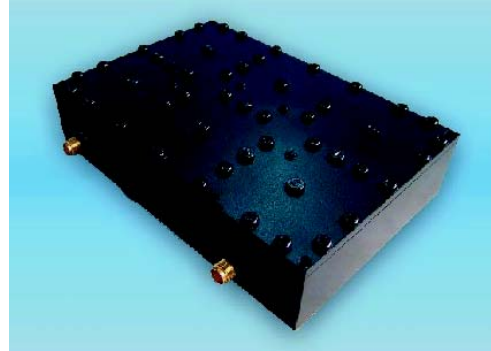
PHS Cavity Filter

► Applications

- PHS System

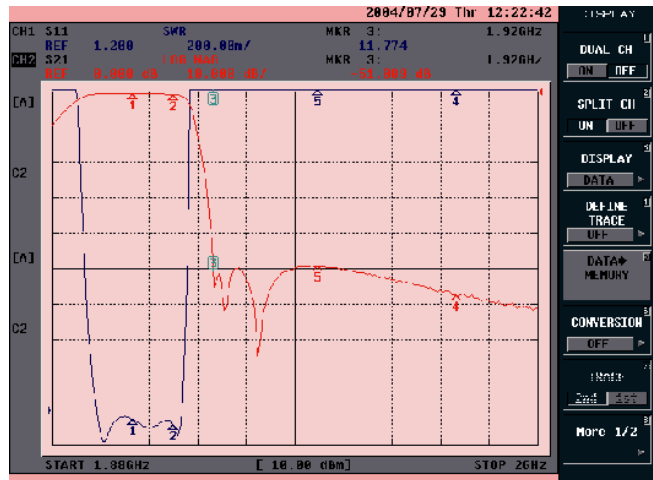
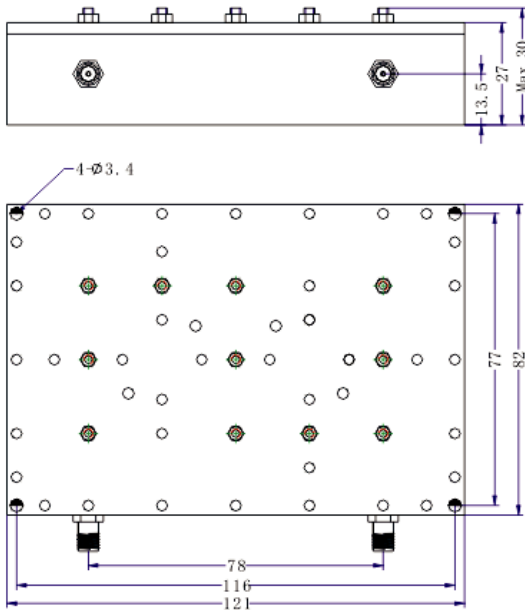
► Features

- High “Q”, Low Insertion Loss
- Asymmetric Pseudo Elliptic Designs, High Selectivity, 47dB Minimum 10MHz From Passband Edges
- Coaxial Cavity Housing, High Reliability, High Power Handling
- Custom Designs Available



► Technical Specifications

P/N	JXMBLB-T-P10-01-C	JXMBLB-T-P20-01-C	JXMBLB-T-P15-01-C
Frequency Range	1900-1910MHz	1900-1920MHz	1900-1915MHz
Insertion Loss	1.0dB max; 0.8dB typical	1.0dB max; 0.8dB typical	1.0dB max; 0.8dB typical
Return Loss	≥20dB	≥20dB	≥20dB
Rejection	≥47dB@1920-1980MHz	≥47dB@1930-1980MHz	≥47dB@1925-1980MHz
Port Connector	SMA-Female	SMA-Female	SMA-Female
Size	121 x 82 x 27 mm (Not including connectors, tuning screws)		



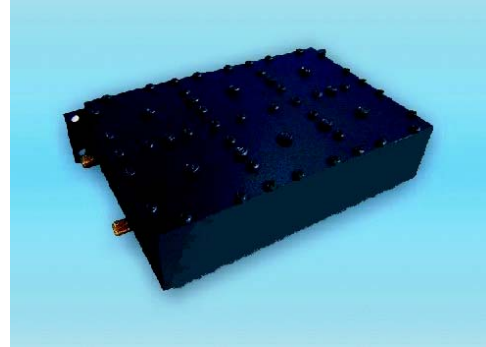
PHS Cavity Filter

► Applications

- PHS System

► Features

- High “Q”, Low Insertion Loss
- Symmetric Pseudo Elliptic Designs, High Selectivity, 47dB Minimum 10MHz From Passband Edges
- Coaxial Cavity Housing, High Reliability, High Power Handling



► Technical Specifications

P/N	JXMBLB-T-P10-02-C	JXMBLB-T-P15-02-C	JXMBLB-T-P20-02-C
Frequency Range	1900-1910MHz	1900-1915MHz	1900-1920MHz
Insertion Loss	1.1dB max; 0.9dB typical	1.1dB max; 0.9dB typical	1.1dB max; 0.9dB typical
Return Loss	≥20dB	≥20dB	≥20dB
Rejection	≥47dB@1805-1890MHz ≥47dB@1920-1980MHz	≥47dB@1805-1890MHz ≥47dB@1925-1980MHz	≥47dB@1805-1890MHz ≥47dB@1930-1980MHz
Port Connector	SMA-Female	SMA-Female	SMA-Female
Size	136 x 92 x 31 mm (Not including connectors, tuning screws)		

