



Stella Doradus Ireland Ltd.

BPF-2400-2485/N BAND PASS FILTER SPECIFICATIONS



■ ELECTRICAL SPECIFICATIONS

| ITEM | MIN | TYP | MAX | UNIT |
|---|-----------|-----|-----|------|
| Frequency Range | 5□5000 | | | MHz |
| Impedance | 50 | | | Ω |
| Pass Band | 2500□2686 | | | MHz |
| Pass Band Insertion Loss | 0.2 | 0.8 | 1.2 | dB |
| Pass Band Return Loss | 15 | 18 | | dB |
| 1st Reject Band | 5□2200 | | | MHz |
| 2nd Reject Band | 2750□5000 | | | MHz |
| Reject Band ≥ 48dB | 2750□2780 | | | MHz |
| 1st Reject Band Rejection | | 40 | | dB |
| 2nd Reject Band Rejection | | 40 | | dB |
| Pass Power Level ≤ 40 Watt | | | | |
| The screening efficiency meets the EN 50083-2 Class A standard. | | | | |

■ MECHANICAL SPECIFICATIONS

| ITEM | MIN | TYP | MAX | UNIT |
|------------|-------------------------|-----|-----|------|
| Housing | Zinc Alloy Die-cast | | | |
| Connector | 50Ω Female "N-50K" type | | | |
| Dimensions | 90(H)×130.5(W)×30(D) | | | mm |
| Net Weight | 420 | | | g |

- Waterproof



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BPF-2500-2686/N

Insertion Loss, Return Loss and Rejection

Span : 2100-3100MHz

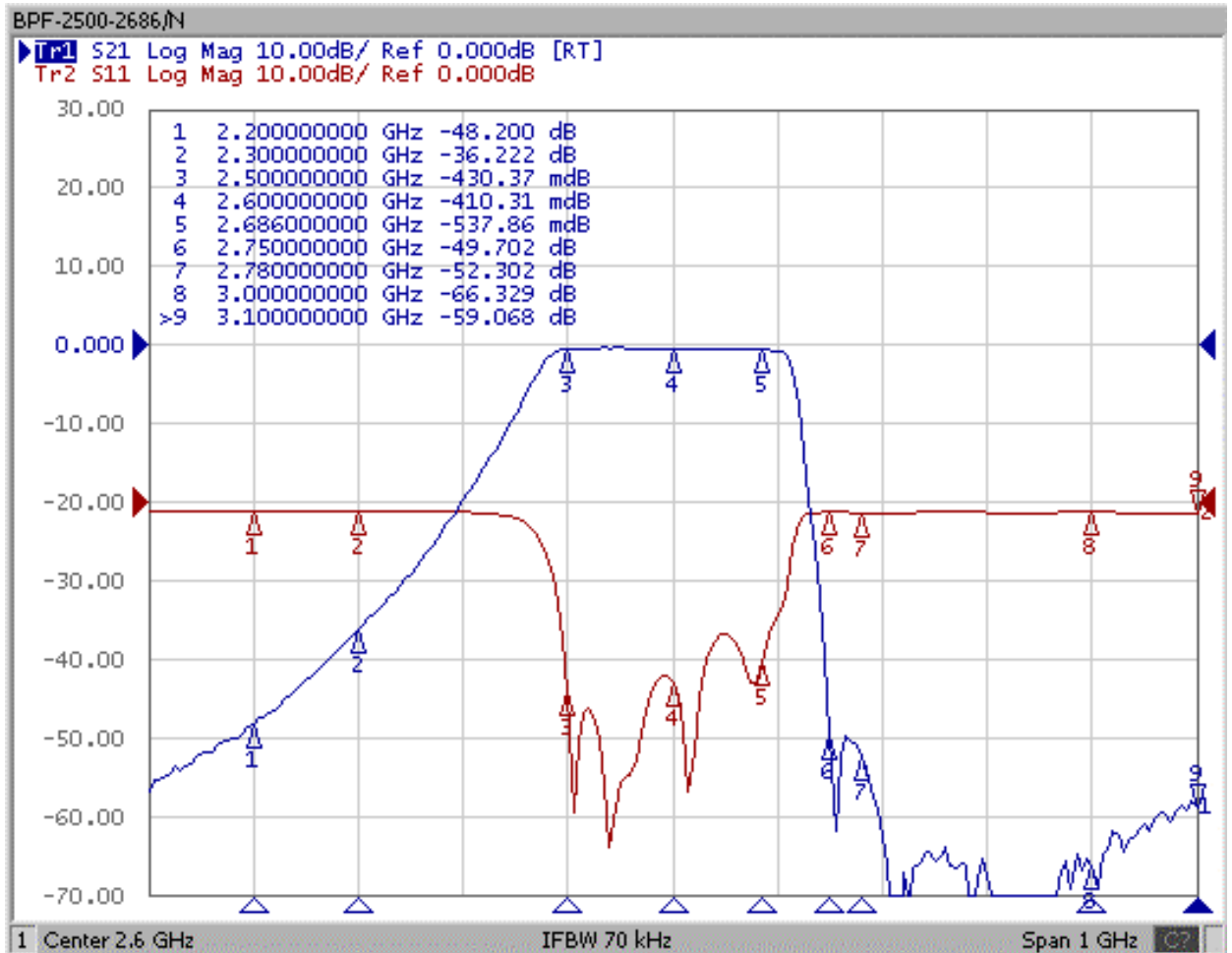


Fig. 1



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BPF-2500-2686/N

Insertion Loss, Return Loss and Rejection

Span : 0.3-5000MHz

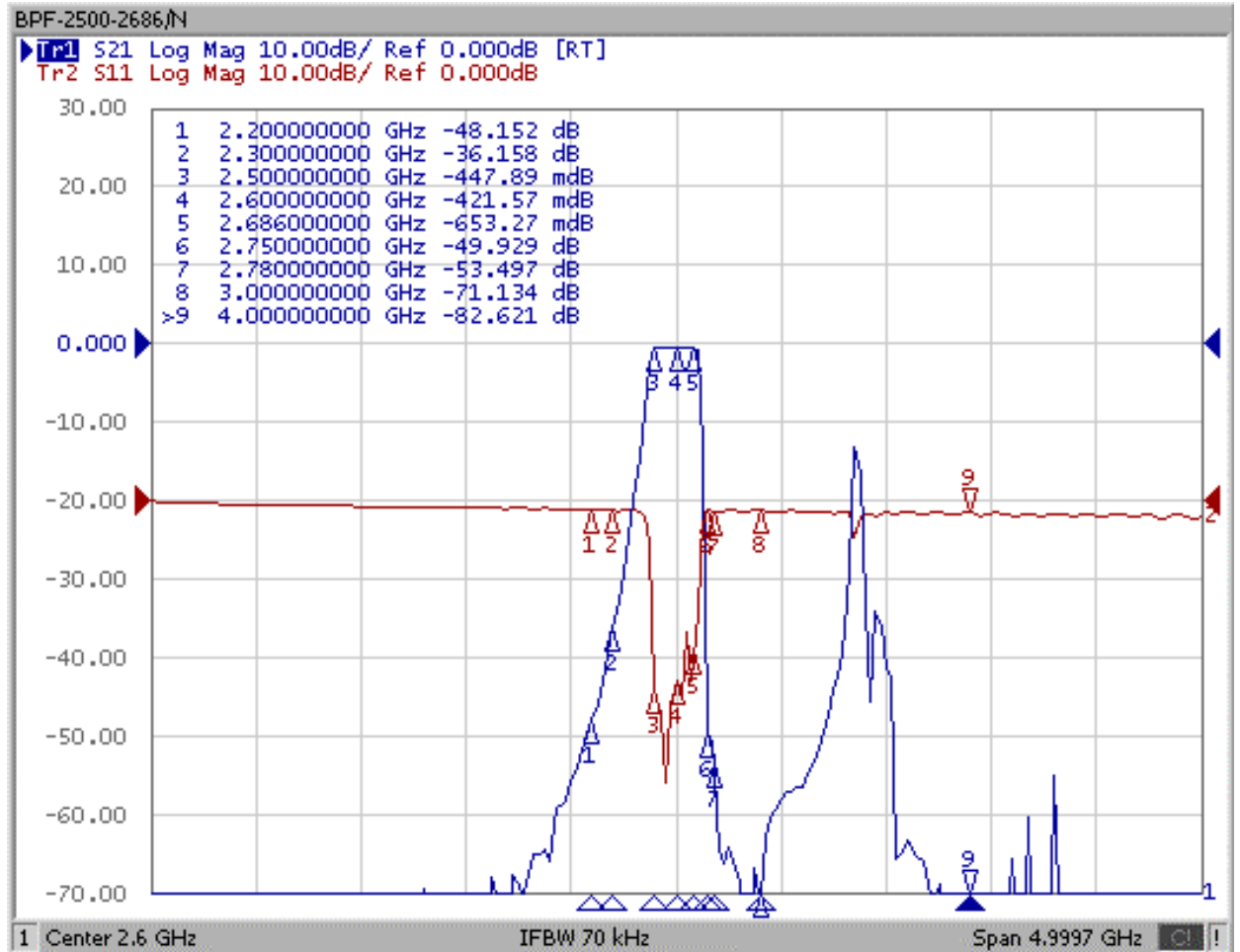


Fig. 2