

Band pass n257 26.5-29.5 GHz

Product number: ZEN – 500 – 100 – 36

Small size air cavity
Low insertion loss
High out-of-band attenuation

| Band pass 26.5 – 29.5 GHz | Frequency Range [GHz] | Requirement |
|---------------------------|-----------------------|-------------|
| Passband | 26.5 – 29.5 | |
| Return Loss | 26.5 – 29.5 | > 16 dB |
| Insertion Loss Max | 26.5 – 29.5 | < 1.0 dB |
| Rejection | DC – 23.0 | > 100 dB |
| Rejection | 23.0 – 24.0 | > 70 dB |
| Rejection | 32.0 – 34.0 | > 70 dB |
| Rejection | 34.0 – 46.0 | > 100 dB |

Power handling

| | |
|---------|--------------------|
| Average | max 10 W (40 dBm) |
| Peak | max 100 W (50 dBm) |

Mechanical

| | |
|------------|--|
| Dimensions | 24 x 23 x 9 mm (excluding connectors) 43 x 23 x 9 mm (including connectors) |
| Connectors | SMA (f) |

Environmental

| | |
|--------------------|------------------|
| Temperature range | +18 °C to +40 °C |
| Ingress Protection | IP63 |
| Altitude | 3000 m |



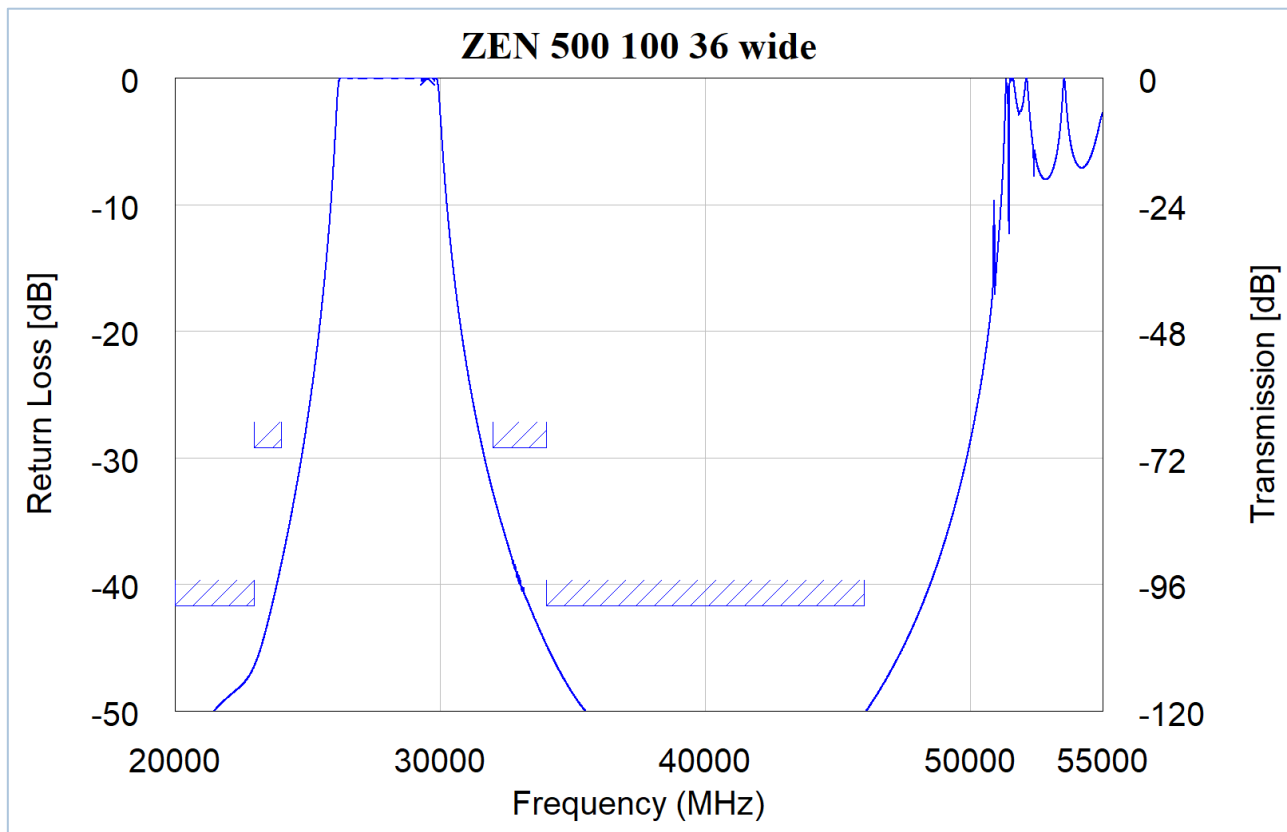
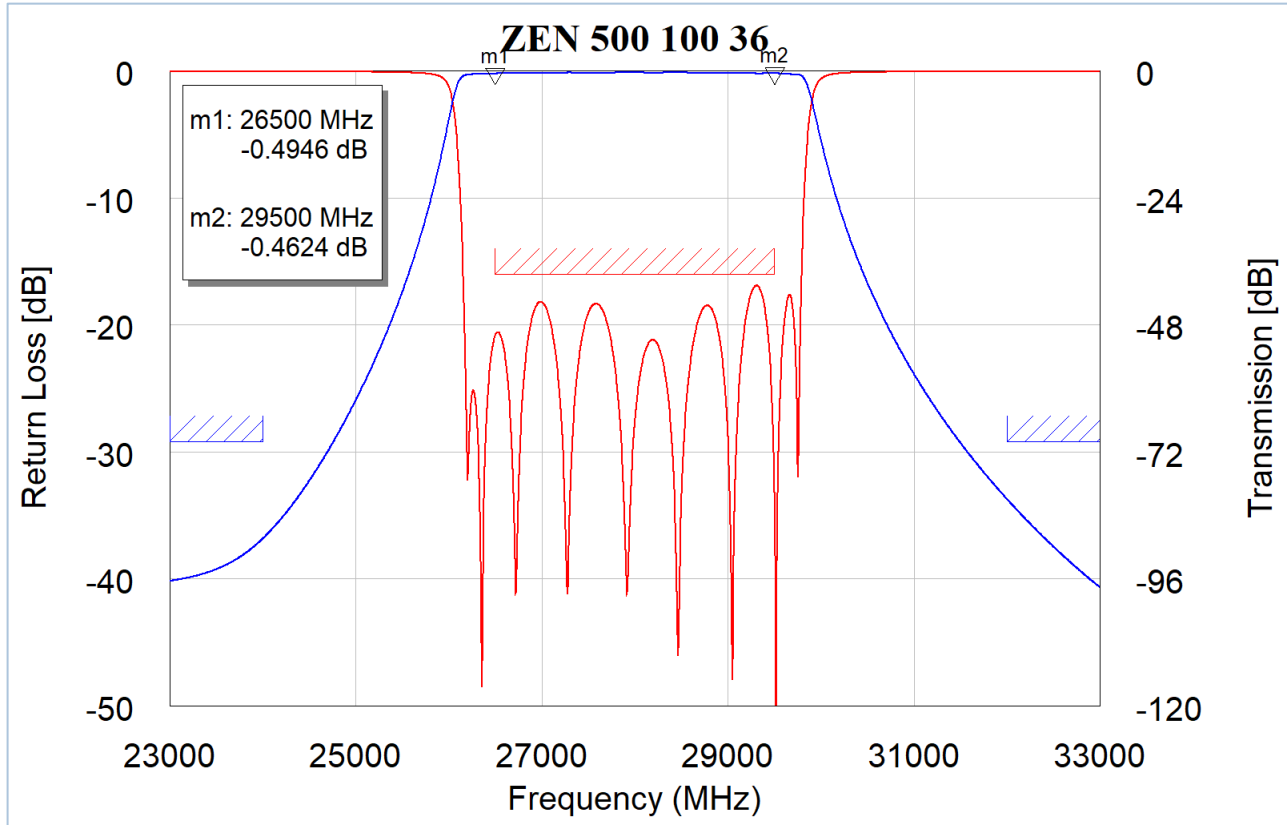
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