



Low insertion loss

## Band pass 2480 – 2500 MHz

Product number: ZEN – 500 – 100 – 12

| Band pass n28 RX       | Frequency Range [MHz] | Requirement |
|------------------------|-----------------------|-------------|
| Passband               | 2480 – 2500           |             |
| Return Loss            | 2480 – 2500           | > 18 dB     |
| Insertion Loss Max     | 2480 – 2500           | < 0.6 dB    |
| Insertion Loss Typical | 2480 – 2500           | < 0.4 dB    |
| Rejection              | DC – 2300             | > 60 dB     |
| Rejection              | 2300 – 2470           | > 30 dB     |
| Rejection              | 2580 – 2620           | > 40 dB     |
| Rejection              | 2620 – 4000           | > 50 dB     |

|       |         |                     |
|-------|---------|---------------------|
| Power | Average | max 80 W (49 dBm)   |
|       | Peak    | max 1000 W (60 dBm) |

|                         |            |                                |
|-------------------------|------------|--------------------------------|
| Passive Intermodulation | 2 x 43 dBm | < - 117 dBm<br>( < - 160 dBc ) |
|-------------------------|------------|--------------------------------|

| Mechanical |                                       |
|------------|---------------------------------------|
| Dimensions | 230 x 104 x 53 (including connectors) |
| Connectors | 4.3-10 (f)                            |

| Environmental      |                  |
|--------------------|------------------|
| Temperature range  | -40 °C to +85 °C |
| Ingress Protection | IP63             |
| Altitude           | 3000 m           |



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