

Low-Pass Filter for the 450 MHz Band

DESCRIPTION

- Medium power low-pass filter for the 400 – 470 MHz range.
- Attenuates especially 2. and 3. harmonics.
- High frequency stability on temperature and power.
- Attenuation in stop band better than 40 dB.
- Extremely low insertion loss (less than 0.2 dB).

SPECIFICATIONS

| Electrical               |                                                       |
|--------------------------|-------------------------------------------------------|
| Model                    | PRO-LP 450                                            |
| Frequency                | Pass band: 400 - 470 MHz<br>Stop band: 800 - 1410 MHz |
| Max. Input Power         | 150 W                                                 |
| Pass Band Insertion Loss | < 0.2 dB (typ. < 0.1 dB)                              |
| Impedance                | 50 Ω                                                  |
| Application              | Low-pass filter for the 450 MHz band                  |
| VSWR                     | < 1.5:1                                               |
| Stop Band Attenuation    | > 40 dB                                               |

| Mechanical    |                                                  |
|---------------|--------------------------------------------------|
| Connection(s) | N female/N male                                  |
| Dimensions    | 98 (incl. conn.) x 39.5 x 28 mm 3.5 x 1.5 x 1.1" |
| Weight        | 0.15 kg / 0.33 lb                                |
| Mounting      | 3.2mm dia. (4 holes)                             |

| Environmental               |                |
|-----------------------------|----------------|
| Operating Temperature Range | -30°C to +60°C |

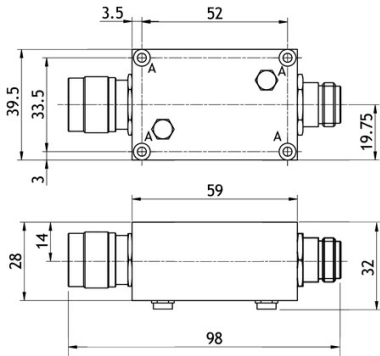
ORDERING

| Model      | Product No. |
|------------|-------------|
| PRO-LP 450 | 200001279   |



DIAGRAM

MOUNTING DETAILS



TYPICAL RESPONSE CURVES

