

Single and Dual Isolators for the 130 MHz Band

DESCRIPTION

- Medium power dual isolators for 112 – 137 MHz.
- Used for isolation / protection of transmitters.
- High frequency stability on temperature and power.
- The standard 15 W dummy load can easily be interchanged to other values, if the reverse power is expected to exceed 15 W.
- Tunable within the frequency range.
- The isolators have black coating to prevent corrosion.

SPECIFICATIONS

| Electrical | | |
|------------------|--------------------|--------------------|
| Model | PRO-IS-130-S1 | PRO-IS-130-D1 |
| Frequency | 112 - 137 MHz | |
| Max. Input Power | 150 W | |
| Insertion Loss | < 0.5 dB | < 1.0 dB |
| Impedance | 50 Ω | |
| Isolation | Typ. >40 dB @ 25°C | Typ. >80 dB @ 25°C |
| VSWR | < 1.5:1 | |

| Mechanical | | |
|---------------|--|---|
| Connection(s) | N(f) | |
| Dimensions | Approx. 57 x 58 x 41 mm / 2.24 x 2.28 x 1.61 in. | Approx. 107 x 58 x 41 mm / 4.21 x 2.28 x 1.61 in. |
| Weight | 0.4 kg / 0.88 lb | 0.8 kg / 1.76 lb |
| Mounting | M4 mm | |

| Environmental | |
|--------------------|------|
| Ingress Protection | IP54 |

ORDERING

| Model | Product No. |
|---------------|-------------|
| PRO-IS-130-S1 | 210001366 |
| PRO-IS-130-D1 | 210001354 |

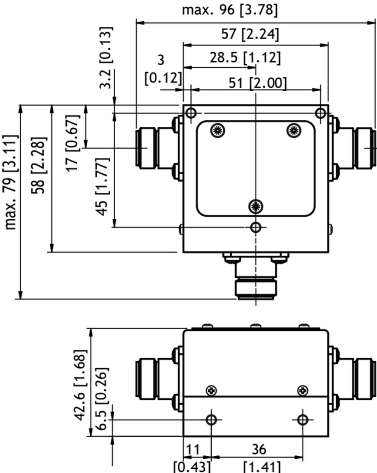


PRO-IS-xxx-S1

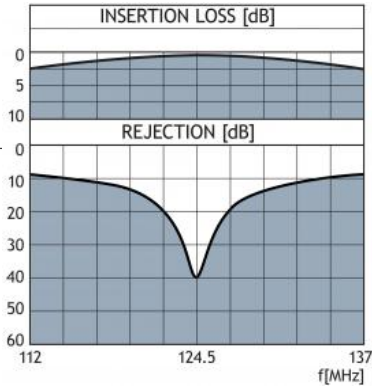
PRO-IS-xxx-D1

DIAGRAM

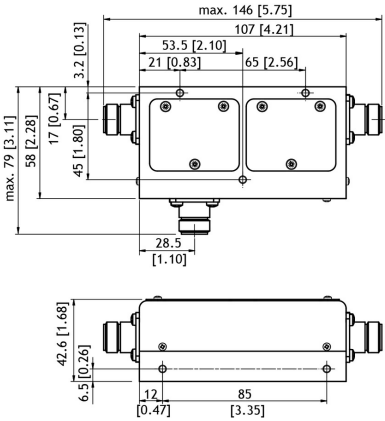
Mounting Details for PRO-IS-130-S1



Typical response curves for PRO-IS-130-S1



Mounting Details for PRO-130-D1



All dimensions are given in mm [in.]

Typical response curves for PRO-IS-130-D1

