

3-Channel Hybrid Ring Combiner for TETRA Communication Radios

DESCRIPTION

- Combiner for parallel operation of three TETRA transceivers on one common antenna where highest possible decoupling (isolation) is necessary.
- Network can be adjusted for optimization of isolation.
- High isolation achievable: Up to -50 dB at the centre frequency (dependent on the SWR of the connected antenna).
- Max. power 50 W per channel.
- Very small ripple on the connectors over the total frequency range.



ORDERING

| Type | Product No. |
|--------------------------|-------------|
| PRO-PHY450-3/380-410/SWR | 210000885 |

SPECIFICATIONS

| Electrical | |
|-----------------------------|--|
| Model | PRO-PHY450-3/380-410/SWR |
| Filter Type | Hybrid Junction |
| Frequency | 380 - 410 MHz |
| Impedance | 50 Ω |
| Nominal Divider Loss | 4.7 dB |
| Total Loss | < 5.5 dB |
| Maximum Input Power | 50 W per channel (max. 150 W with larger load) |
| Input VSWR | < 1.5:1 |
| No. Of Channels | 3 |
| Mechanical | |
| Connection(s) | N female (other on request) |
| Dimensions | 400 x 182 (incl. connector) x 42 mm |
| Weight | 1.5 kg / 3.31 lb |
| Environmental | |
| Operating Temperature Range | -30°C to +60°C |

ADDITIONAL DATA

ISOLATION RESPONSE

