

4-Channel Hybrid Ring Combiner including antenna tuner for TETRA Communication Radios

DESCRIPTION

- Combiner for parallel operation of four 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 (dependant 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-PHY450-4/380-410/SWR	210000944

SPECIFICATIONS

Electrical	
Model	PRO-PHY450-4/380-410/SWR
Filter Type	Hybrid Junction
Frequency	380 - 410 MHz
Max. Input Power	50 W per channel (max. 150 W with larger load)
Impedance	50 Ω
Input VSWR	< 1.5:1
Nominal Divider Loss	6 dB
Total Loss	< 6.9 dB
No. of Channels	4 - 4
Mechanical	
Connection(s)	N female (other on request)
Dimensions	420 x 182 (incl. connector) x 42 mm
Weight	1.9 kg / 4.19 lb
Environmental	
Operating Temperature Range	-30°C to +60°C

ADDITIONAL DATA

ISOLATION RESPONSE

