

4-Channel Hybrid Combiner for 150 MHz Transmitters

DESCRIPTION

- Combining four transmitters or receivers on the same antenna.
- Better utilization of good antenna position.
- Four antennas on the same transmitter or receiver.
- The only combining option with very small Tx-Tx frequency spacing.
- 30 W load supplied (other loads or no load as option).

SPECIFICATIONS

Electrical	
Filter Type	Hybrid Junction
Frequency	136 - 175 MHz (see ordering)
Max. Input Power	40 W per channel (max. 130 W with larger load)
Insertion Loss	< 6.3 dB ±0.3 dB
Impedance	50 Ω
Isolation Tx1 - Tx2	> 30 dB
VSWR	< 1.5:1 with all other ports terminated with 50 Ω
Load	30 W load fitted (other ratings available) (** see note)
No. of Channels	4 - 4

Mechanical	
Connection(s)	N female (other on request)
Dimensions	420 x 89 (incl. conn.) x 42 mm (excl. load)
Weight	Approx. 1.33 kg / 2.93 lb (excl. load)

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



ORDERING

Type	Product No.	Frequency
PRO-PHY150-4-3	210000632	130 - 160 MHz
PRO-PHY150-4-5	210000672	140 - 170 MHz
PRO-PHY150-4-8	210000558	150 - 180 MHz

