

60 W Triplexer for the 0 - 174 MHz, 350 - 520 MHz and 760 - 2200 MHz Ranges Tanges

DESCRIPTION

- Triplexer for combining or splitting the three ranges:
 - VHF, 0 – 174 MHz
 - UHF, 350 – 520 MHz
 - LTE800, GSM900, GSM1800, UMTS, 760 – 2200 MHz.
- Chebychev design ensures very high isolation across the entire pass ranges.
- High power handling capability.
- Low insertion loss.
- Low weight.
- Wide temperature range.
- Milled aluminium box ensures extraordinarily high mechanical strength.
- Coated with 2-component lacquer for maximum weather protection.
- N-connectors on all ports.



SPECIFICATIONS

Electrical	
Model	PRO-TRI 174/350-520/760
Frequency	COM-LOW port: 0 - 174 MHz COM-MID port: 350 - 520 MHz COM-HIGH port: 760 - 2200 MHz
Max. Input Power	60 W CW simultaneously on both HIGH, MID and LOW port
Insertion Loss	0 - 174 MHz: ≤ 0.5 dB 350 - 520 MHz: ≤ 0.8 dB 760 - 2200 MHz: ≤ 1.1 dB
Impedance	50 Ω
VSWR	LOW port: Max. 1.5:1 MID port: Max. 1.5:1 HIGH port: 760 - 2000 MHz: Max. 1.5:1 2000 - 2200 MHz: Max. 2.0:1

Mechanical	
Connection(s)	N(f)
Dimensions	127 x 100 x 30 mm / 5.0 x 3.94 x 1.18 in. (incl. connectors)
Weight	0.6 kg / 1.32 lb.
Mounting	4.1 mm dia. (4 holes)

Environmental	
Operating Temperature Range	-40 °C to +80 °C
Ingress Protection	IP65

ORDERING

Model	Product No.
PRO-TRI 174/350-520/760-N(f)	200002563

MOUNTING DETAILS



