

Dual-Band Combiner

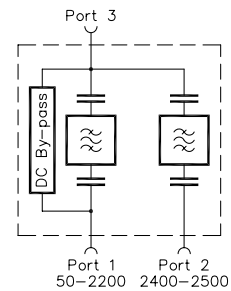
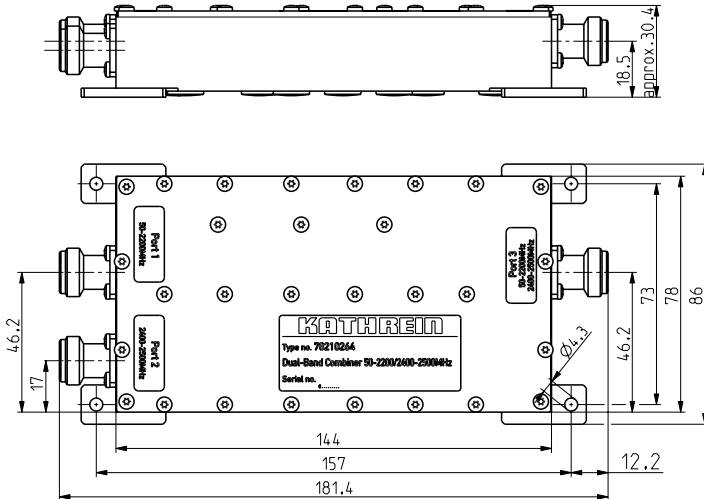
KATHREIN

Antennen · Electronic

50 – 2200 MHz
80 / 160 / 400 / 900 / 1800 / UMTS

2400 – 2500 MHz
WLAN

- Designed for inhouse multiband distribution networks
- Enables feeder sharing
- DC by-pass between ports 1 and 3
- Built-in DC stop between ports 2 and 3



Typical Attenuation Curves

Diagram I

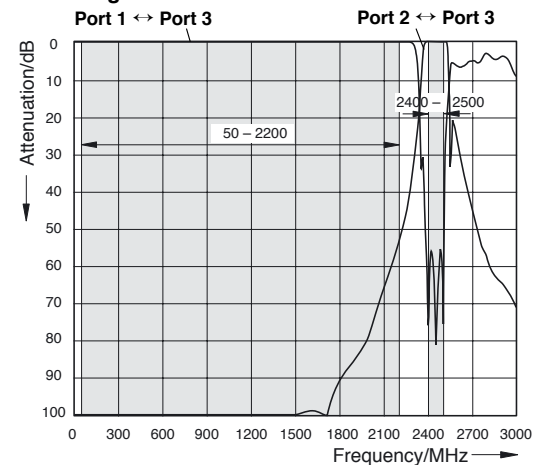
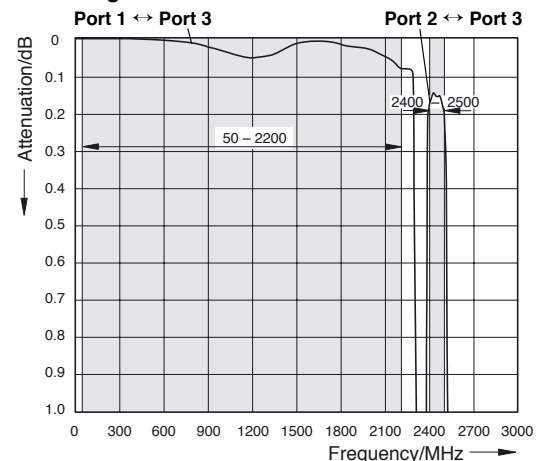


Diagram II



Technical Data

Type No.	782 10264
Pass band Band 1 Band 2	50 – 2200 MHz 2400 – 2500 MHz
Insertion loss Port 1 ↔ Port 3 Port 2 ↔ Port 3	< 0.1 dB (50 – 2200 MHz) < 0.2 dB (2400 – 2500 MHz)
Isolation Port 1 ↔ Port 2	> 50 dB (50 – 2200 / 2400 – 2500 MHz)
VSWR	< 1.25 (50 – 2200 / 2400 – 2500 MHz)
Impedance	50 Ω
Input power Band 1 Band 2	< 200 W < 200 W
Intermodulation products	< -150 dBc (3rd order; with 2 x 20 W)
Temperature range	-20 ... +55 °C
Connectors	N female
Application	Indoor
Special features	Built-in DC stop between ports 2 and 3 DC by-pass between ports 1 and 3 (max. 2500 mA)
Mounting	With 4 screws (max. 4 mm diameter)
Weight	0.47 kg
Packing size	225 mm x 140 mm x 75 mm
Dimensions (w x h x d)	86 mm x 30.4 mm x 181.4 mm (including connectors and mounting feet)

936.2466/a Subject to alteration.