

Multiband Combiner

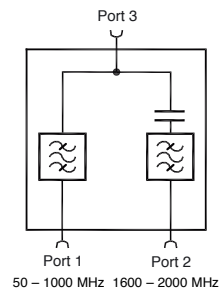
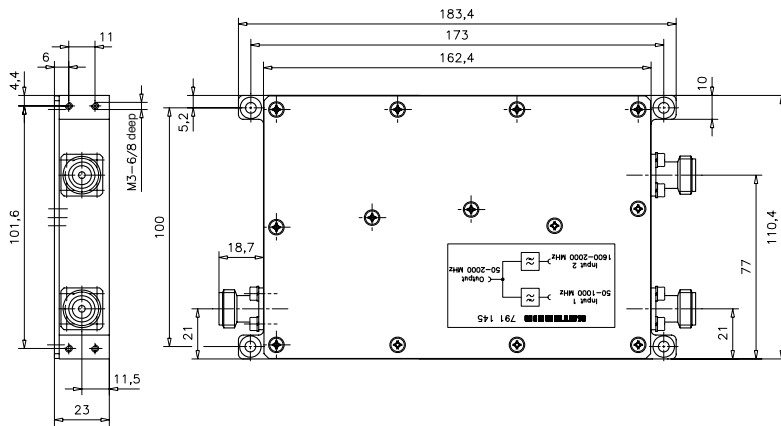
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Antennen · Electronic

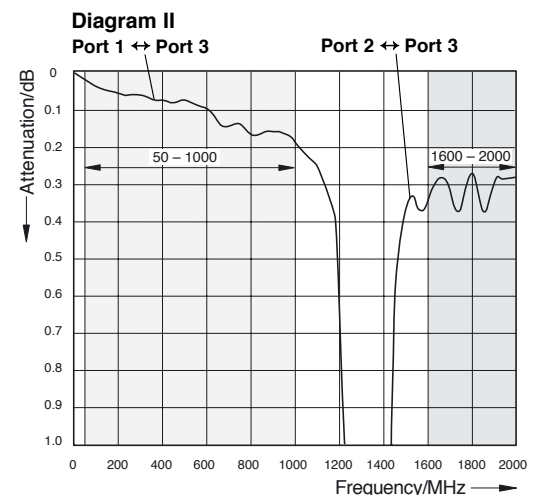
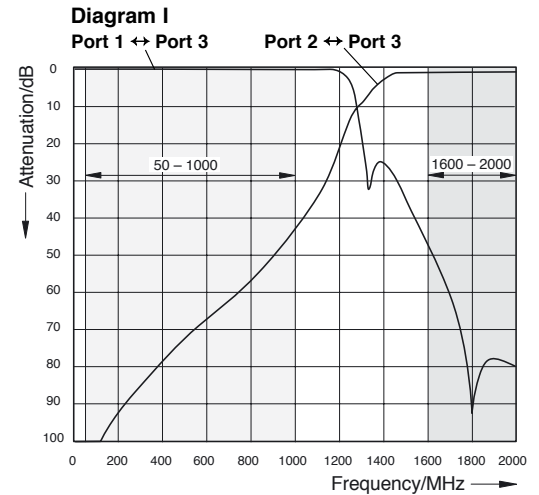
50 – 1000 MHz
80 / 160 / 400 / GSM 900

1600 – 2000 MHz
GSM 1800

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



Typical Attenuation Curves



Technical Data

Type No.	791 145
Pass band Band 1 Band 2	50 – 1000 MHz 1600 – 2000 MHz
Insertion loss Port 1 ↔ Port 3 Port 2 ↔ Port 3	< 0.3 dB (50 – 1000 MHz) < 0.5 dB (1600 – 2000 MHz)
Isolation Port 1 ↔ Port 2	> 40 dB (50 – 1000 / 1600 – 2000 MHz)
VSWR (all ports)	< 1.2 (50 – 1000 / 1600 – 2000 MHz)
Impedance	50 Ω
Input power Band 1 Band 2	< 100 W < 50 W
Temperature range	-30 ... +60 °C
Connectors	N female
Application	Indoor
DC transparency Port 1 ↔ Port 3 Port 2 → Port 3 Port 3 → Port 2	By-pass (max. 2500mA) short circuited stop
Mounting	With 4 screws (max.4 mm diameter)
Weight	0.7 kg
Packing size	220 mm x 40 mm x 140 mm
Dimensions (w x h x d)	201 mm x 23 mm x 112 mm (incl. connectors)

936.1136/c Subject to alteration.

Internet: <http://www.kathrein.de>