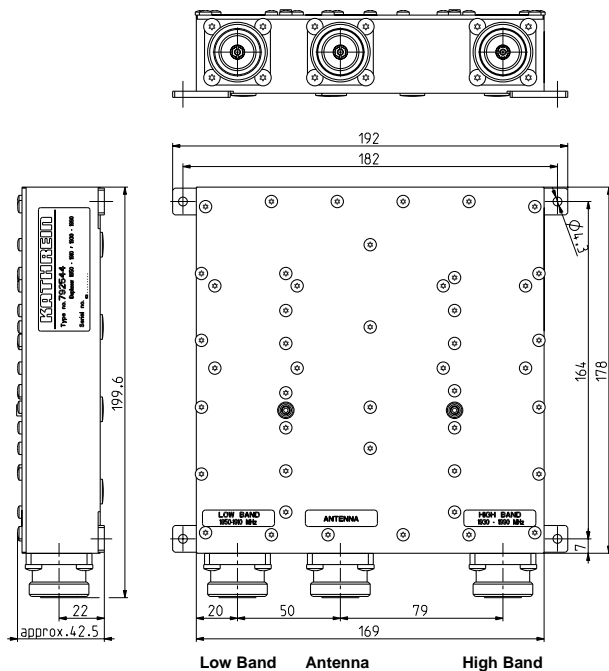


# Duplexer

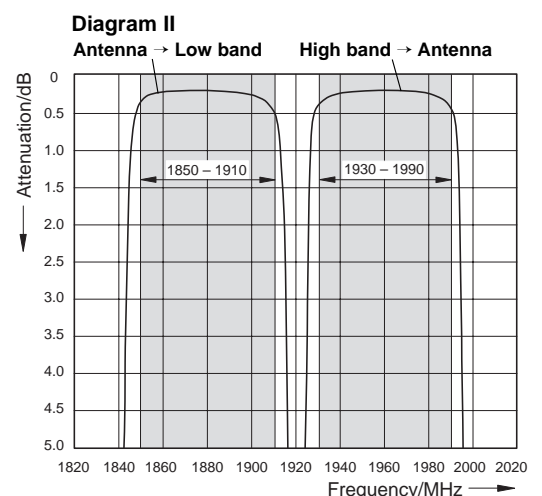
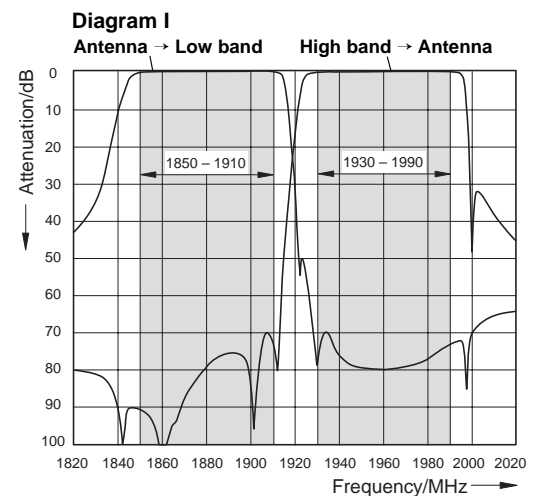
## 1850 – 1910 / 1930 – 1990 MHz (GSM 1900)

The Duplexer is designed to combine/split GSM 1900 Tx and Rx signals onto/from one common Tx/Rx antenna in order to save feeder cable and antenna costs.

- Suitable for indoor applications
- Built-in DC stop



### Typical Attenuation Curves



### Technical Data

Type No.	<b>792 544</b>
Pass band Low band High band	1850 – 1910 MHz 1930 – 1990 MHz
Insertion loss Antenna → Low band High band → Antenna	< 0.7 dB (1850 – 1910 MHz) < 0.7 dB (1930 – 1990 MHz)
Isolation Low band ↔ High band	> 65 dB (1850 – 1910 / 1930 – 1990 MHz)
VSWR	< 1.25 (1850 – 1910 / 1930 – 1990 MHz)
Impedance	50 Ω
Input power	< 300 W (low band or high band)
Intermodulation products	< -160 dBc (3rd order; with 2 x 20 W)
Temperature range	-20 ... +55 °C
Connectors	7-16 female
Application	Indoor
Special features	Built-in DC stop between all ports
Mounting	With 4 screws (max. 4 mm diameter)
Weight	1.7 kg
Packing size	282 mm x 252 mm x 114 mm
Dimensions (w x h x d)	192 mm x 42.5 mm x 199.6 mm (including connectors and mounting feet)

936.2464/b Subject to alteration.