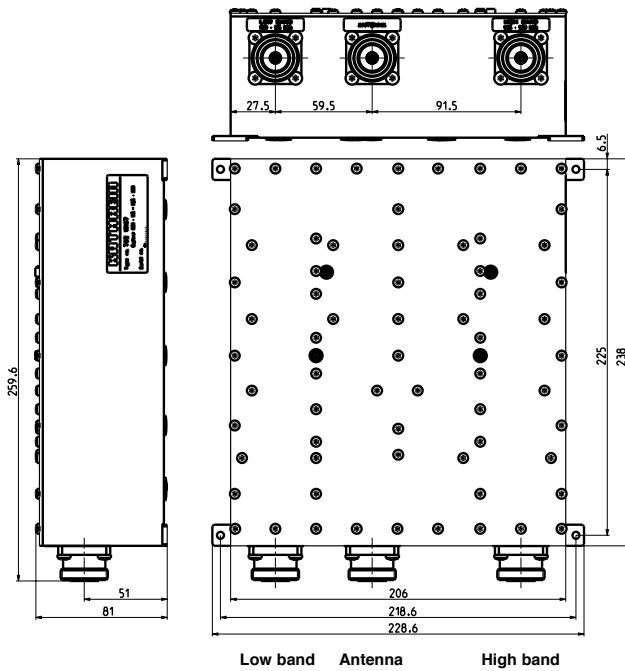
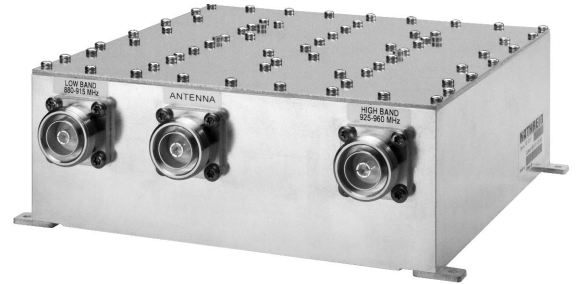


Duplexer

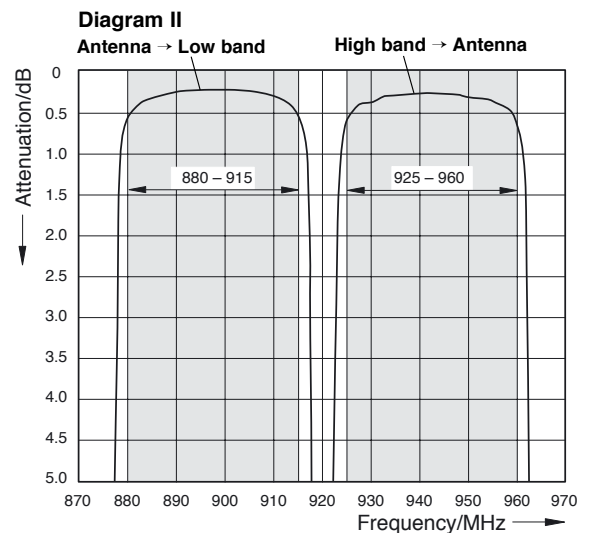
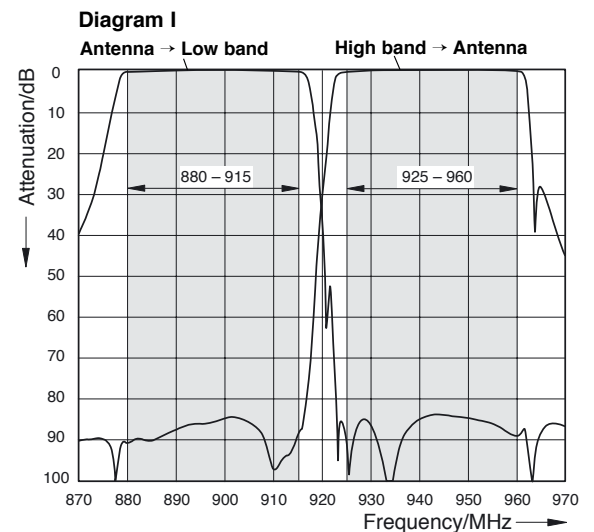
880 – 915 / 925 – 960 MHz (EGSM)

The Duplexer is designed to combine/split EGSM 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.	782 10167
Pass band Low band High band	880 – 915 MHz 925 – 960 MHz
Insertion loss Antenna → Low band High band → Antenna	< 0.9 dB (880 – 915 MHz) < 0.9 dB (925 – 960 MHz)
Isolation Low band ↔ High band	> 75 dB (880 – 915 / 925 – 960 MHz)
VSWR	< 1.25 (880 – 915 / 925 – 960 MHz)
Impedance	50 Ω
Input power	< 250 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	4.6 kg
Packing size	347 mm x 297 mm x 174 mm
Dimensions (w x h x d)	229 mm x 81 mm x 260 mm (including connectors and mounting feet)

936.2305/c Subject to alteration.