

## Duplexer GSM1900

### Product Description

These Duplexers are used for transmission and reception of RF signals, by using a single antenna and by providing necessary isolation between transmission and reception ports. Duplexers are usually used for mobile radio systems in various frequency bands.

### Technical Specifications

<b>Model No</b>	<b>300 312 09</b>
TX Band (MHz)	890 - 915
Rx Band(MHz)	935 - 960
Pass band(MHz)	25
Pass band insertion loss(dB)	1.5
Pass band ripple(dB)	0.8
Pass band return loss(dB)	18
Tx - Rx isolation - ANT (dB)	90
Coupling port (Rx Tx)( dB)	- 30 ± 1.5
Input / output Impedance(Ohm)	50
Power (CW)(W)	30
Common port connector	SMA (F)
Tx/Rx Connector	SMA (F)

### Mechanical Specifications

Dimensions (L x W X H)(mm)	228X67X57
Weight(grams)	1175
Material	Aluminium Alloy
Finishing	Spray painted
Temperature Range	-20°C to 70°C