

## Diplexer

**Product Description**

RFS model DBCS 1710/2170 is a Diplexer which allows combination and separation of the signals in 1710 - 1880 MHz and the 1920 - 2170 MHz wireless bands.

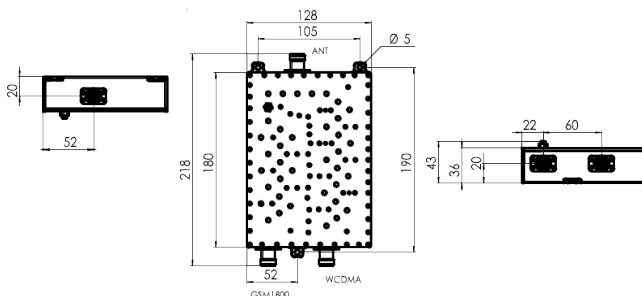
To minimize band inter-reaction, the inputs are well isolated and have minimal insertion loss over their respective frequency bands.

**Features/Benefits**

- 80 dB Input Isolation
- 100W Power handling
- Minimal RF Insertion Loss
- N female connectors

**Technical Specifications**

Product Type	Diplexer
techn. Application	Indoor
Frequency Range, MHz	1710 - 1880 1920 - 2170
Number of Input Ports	2
Number of Output Ports	1
Connectors	N female
Impedance, Ohm	50
Insertion Loss max., dB	0.6@1710 - 1880 MHz 0.6@1920 - 2170 MHz
Max VSWR / R L, dB	1.25 / 19.1
Isolation, dB	80@1710 - 1880 MHz 80@1920 - 2170 MHz
Total Input Power max., W	100
Temperature Range, °C (°F)	-10 to +60 (14 to +140)
Height, mm (in)	218 (8.58)
Width, mm (in)	128 (5.03)
Length, mm (in)	43 (1.69)
Weight, kg (lb)	0.96 (2.11)
Environmental Class	Indoor

**Notes****Other Documentation**

Sketch DBCS-1710/2170



Diplexer

All information contained in the present datasheet is subject to confirmation at time of ordering