



Triplexer

Product Description

The RFS MBCS-9/18/21 is a triplexer which allows to combine / separate wireless services in the frequency bands 800-960MHz, 1710-1880MHz and 1920-2110MHz. The product features a low insertion loss combined with an outstanding inter-service isolation.

Features/Benefits

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

Technical Specifications

Product Type	Triplexer
techn. Application	Indoor
Frequency Range, MHz	800 - 960 1710 - 1880 1920 - 2170
Number of Input Ports	3
Number of Output Ports	1
Connectors	N female
Impedance, Ohm	50
Insertion Loss max., dB	0.3@800 - 960 MHz 0.6@1710 - 1880 MHz 0.6@1920 - 2170 MHz
Max VSWR / R L, dB	1.25 / 19.08
Isolation, dB	80@800 - 960 MHz 80@1710 - 1880 MHz 80@1920 - 2170 MHz
Total Input Power max., W	100
Temperature Range, °C (°F)	-25 to +65 (-13 to +149)
Height, mm (in)	33 (1.29)
Width, mm (in)	173 (6.81)
Length, mm (in)	241.4 (9.5)
Weight, kg (lb)	1.4 (3.08)
Environmental Class	Indoor

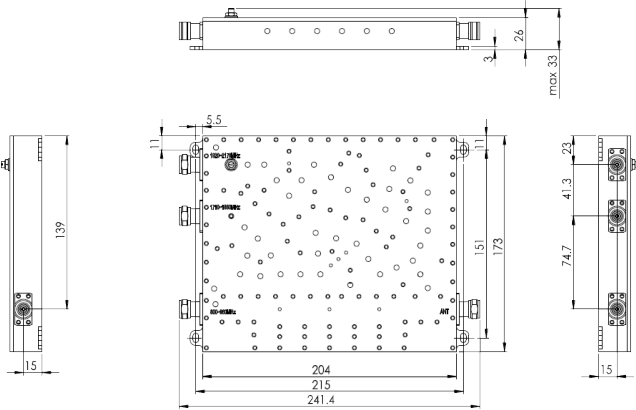
Notes

Other Documentation

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



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