



EGSM/DCS/UMTS BAND HIGH POWER TRIPLEXER

- IDEAL FOR EGSM, DCS, UMTS SYSTEMS
- LOW VSWR, LOSS AND PIM
- COMPACT SIZE
- WEATHER-PROOF HOUSING

This in-band triplexer is a high quality, high power device which can be used effectively as triplexer in GSM base stations and similar applications. The low insertion loss, good reflection and the robust mechanical construction guarantee long term trouble free operation.

Electrical characteristics:

Frequency Range	880 to 960 MHz	1710 to 1880 MHz	1920 to 2170 MHz
Insertion Loss	0.15 dB typ, 0.2 dB max.	0.3 dB typ, 0.4 dB max.	0.3 dB typ, 0.4 dB max.
Return Loss	20 dB typ. 18dB min.	20 dB typ. 18dB min.	20 dB typ. 18dB min.
Isolation	60 dB @ DCS 60 dB @ UMTS	60 dB @ EGSM 50 dB typ. 45dB min. @ UMTS	60 dB @ EGSM 50 dB typ. 45 dB min. @ DCS
Max. Input Power	100W	100W	100W
Measured 3th order IM products (*)	-150 dBc typ.		
RF Connectors	7/16 female		
Operating temperature range	-30 °C to +70 °C		
Application, IP rating	Outdoor – IP68		

DC feed from common to UMTS port (max 5 A)

(*) measured at 2x40 dBm @ DCS freq. on the common input port

Specifications are subject to change without notice.

Outline dimensions (mm):

