

## 20dB BROADBAND 780-2700MHz DIRECTIONAL COUPLER

- IDEAL FOR THE GSM / DCS / UMTS / LTE SYSTEM
- HIGH POWER COUPLER
- 20 dB NOMINAL COUPLING
- WITH INTERNAL TERMINATION
- COMPACT SIZE
- OUTDOOR ASSEMBLY

This broadband directional coupler is a universal building block, which is intended for use coupling signals in the most common mobile systems. Due to its low losses and compact size it can be used effectively in these communication systems.

### Electrical characteristics:

Frequency Band	780 to 2700 MHz
Nominal Coupling	20 dB
Coupling Ripple	± 0.5 dB
Insertion Loss (*)	< 0.2 dB typ., max. 0.4 dB
Reflection @ all port	< -25 dB typ., max. -20 dB
Directivity	min. 20dB
Measured 3th order IM products (**)	-150 dBc typ.
Max. Input Power	200W @ input port
Connectors	7/16 – female ( N connector optional )
Operating Temperature Range	- 30 to + 70°C
Application, IP rating	Outdoor, IP68

(\*) above the theoretical value

Specifications are subject to change without notice.

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

### Outline dimensions (mm):

