

## 6dB BROADBAND 380-2700MHz OUTDOOR COUPLER

- IDEAL FOR THE TETRA/ GSM / DCS / UMTS / LTE SYSTEM
- 6 dB COUPLING
- HIGH POWER SPLITTER
- COMPACT SIZE
- OUTDOOR ASSEMBLY
- WITH INTERNAL TERMINATION

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

### Electrical characteristics:

Frequency Band	380 to 2700 MHz
Nominal Coupling	6 dB
Coupling Ripple	$< \pm 0.5$ dB
Insertion Loss (*)	$< 0.2$ dB typ., max. 0.4 dB
Isolation (Directivity)	$> 25$ dB typ., min. 20 dB
Reflection @ all port	$< -25$ dB typ., max. -20 dB
Measured 3th order IM products (**)	-150 dBc
Max. Input Power @ common port	200 W
Connectors	7/16 – female
Operating Temperature Range	- 30 to + 70°C
Application, IP rating	Outdoor – IP68

(\*) above the theoretical 1,26 dB coupling loss

Specifications are subject to change without notice.

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

### Outline dimensions (mm):

