

## 3dB BROADBAND 380-2700MHz SPLITTER/COMBINER

- IDEAL FOR THE TETRA / GSM / DCS / UMTS / LTE SYSTEM
- 3 dB COUPLING
- LOW DISSIPATIVE LOSS
- MEDIUM POWER SPLITTER / COMBINER
- COMPACT SIZE
- WEATHERPROOF HOUSING

This broadband directional coupler is a universal building block that is intended for use to combine or 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.

### Electrical characteristics:

Frequency Band	380 to 2700 MHz
Nominal Coupling	3 dB
Coupling Ripple (*)	< ± 1 dB
Insertion Loss (**)	0.25dB typ. max 0.4dB
Isolation (Directivity)	> 18 dB
Reflection @ all port	< -18 dB
Max. Input Power	40 W
Indoor/Outdoor - IP	IP50 / IP68
Connectors	N-female
Operating Temperature Range	- 30 to + 70°C
Weight	300g
Dimensions	84 x 49 x 28 mm

(\*) -0,8dB & +1,8dB @ TETRA band

(\*\*) above the theoretical 3 dB coupling

Specifications are subject to change without notice.

### Mechanical outline:

