

3dB BROADBAND HYBRID COUPLER 700-2700MHz

- IDEAL FOR THE GSM / DCS / UMTS / LTE SYSTEM
- 3 dB COUPLING
- LOW PASSIVE INTERMODULATION LEVEL
- HIGH POWER SPLITTER / COMBINER
- COMPACT SIZE
- WEATHERPROOF HOUSING

This broadband hybrid 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 low IM levels, it can be used effectively in these communication systems.

Electrical characteristics:

Frequency Band	700 to 2700 MHz
Nominal Coupling	3 dB
Dissipation Loss	0.15 dB, max. 0.25dB
Coupling Ripple	± 0.5 dB
Reflection @ all port	< -20 dB, max. -18 dB
Isolation	> 25 dB, min. 20 dB
Measured 3rd order IM products (*)	typ. -160 dBc
Max. Input Power	200W / input port
Application – IP rating	Outdoor - IP68
Connectors	7/16 – female (optionally 4.3/10 – female)
Operating Temperature Range	- 30 to + 70°C
Weight	1000 g
Dimensions	126 x 50 x 40 mm

Specifications are subject to change without notice.

(*) measured at 2x43 dBm @ DCS freq.

Mechanical outline:

