

10dB WIDEBAND 800-2200MHz COUPLER

- IDEAL FOR THE GSM / DCS / UMTS SYSTEM
- 10 dB COUPLING
- COMPACT SIZE
- WITH INTERNAL TERMINATION

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	800 to 2200 MHz
Nominal Coupling	10 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
Measured 3th order IM products (**)	-150 dBc typ.
Max. Input Power @ main input	200 W
Connectors	7/16 – female (N connector optional)
Operating Temperature Range	- 30 to + 70°C

(*) above the theoretical value

Specifications are subject to change without notice.

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

Outline dimensions (mm):

