

4/4 BROADBAND 780-2700MHz POWER COMBINER

- IDEAL FOR THE GSM / DCS / UMTS / LTE SYSTEMS
- 6 dB NOMINAL COUPLING
- LOW DISSIPATIVE LOSS
- HIGH POWER
- LOW PASSIVE INTERMODULATION LEVEL

This broadband power combiner is a universal building block which is intended for use to combine or split signals in mobile telecommunications systems. Due to its low losses intermodulation level and small size it can be used effectively to combine 3 or 4 operators or base station to one common cable or antenna system.

Electrical characteristics:

Frequency Band	780 to 2700 MHz
Nominal Coupling	6 dB
Insertion Loss (*)	0.4 dB typ., max. 0.6 dB
Coupling Ripple	< ± 0.5 dB typ., max. 1 dB @ see curves
Reflection @ all port	< -25 dB typ., max. -20 dB
Isolation (Directivity)	> 25 dB typ., min. 20 dB
Measured 3th order IM products (**)	< -150 dBc typ.
Max. Input Power	100W @ each input port
Indoor/Outdoor - IP	IP50 / IP68 optional
Connectors	7/16 – female (N connector optional)
Operating Temperature Range	- 30 to + 70 °C
Weight	3900 g
Outline Dimensions	188 x 138 x 130 mm

(*) above the theoretical 6 dB coupling

(**) measured at 2x40 dBm @ DCS freq.

Specifications are subject to change without notice.

Outline dimensions (mm):

