



**BONN HUNGARY
ELECTRONICS**

**3 WAY WIDEBAND
800 - 2200 MHz
SPLITTER / COMBINER**

BDEB18
NDS # 717

an ISO 9001 Certified Company



- **IDEAL FOR THE GSM / DCS / UMTS SYSTEM**
- **4.8 dB NOMINAL COUPLING (NO DISSIPATIVE LOSS)**
- **INTERNAL TERMINATION**
- **MATCHED PORTS**

This broadband splitter/combiner is a universal building block, intended for use in mobile telecommunications systems. Due to its low losses and small size it can be used effectively in densely packed sites.

ELECTRICAL CHARACTERISTICS :

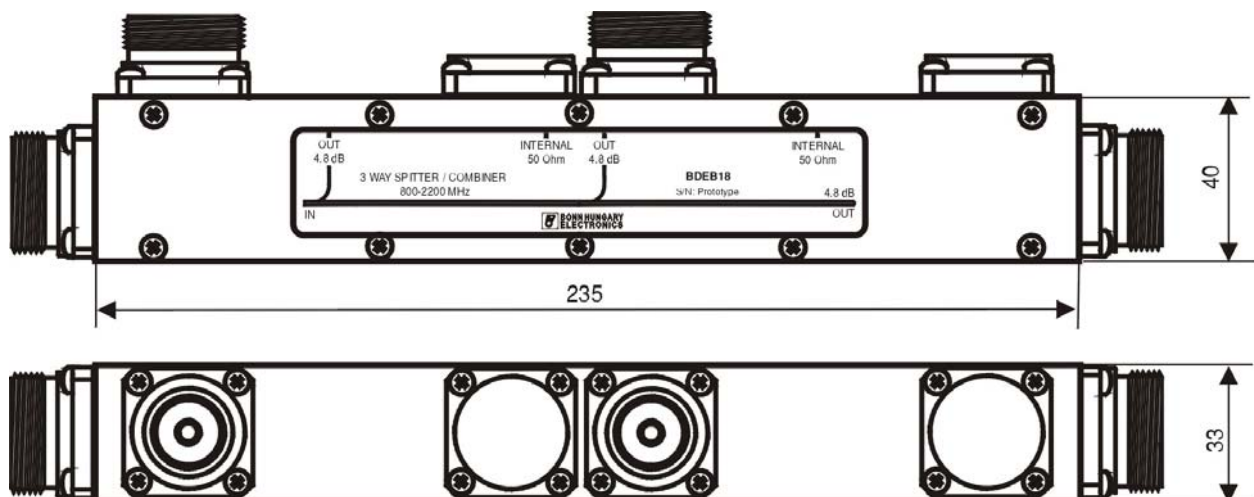
Frequency Band	800 to 2200 MHz
Nominal Coupling	3 x 4.8 dB
Coupling Ripple	± 0.6 dB
Insertion Loss (*)	< 0.3 dB typ., max. 0.6 dB
Reflection @ all port	< -25 dB typ., max. -20 dB
Measured 3th order IM products (**)	-145 dBc typ.
Max. Input Power @ main input	100 W
Connectors	7/16 – female (N connector optional)
Operating Temperature Range	- 30 to + 70°C

(*) above the theoretical value

Specifications are subject to change without notice.

(**) measured 2x40 dBm @ 950 MHz common input port

OUTLINE DIMENSIONS (mm):



BONN Elektronik 

RF Systems, Instruments and Components

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