



**BONN HUNGARY
ELECTRONICS**

**3 / 3 GSM 1800 MHz
POWER COMBINER**

BHEL13
NDS # 710

an ISO 9001 Certified Company



- **0.5 dB INSERTION LOSS**
- **IDEAL FOR COMBINING 3 BASE STATION TRANSCEIVERS**
- **3 INPUTS FOR 1800 MHz GSM**
- **3 DUAL BAND OUTPUTS**
- **MULTIPLE ANTENNA FEED**

This 1800 MHz 3/3 Power Combiner is a universal system building block. It is intended for use in the 1800 MHz GSM systems. It can be used to combine up to 3 base station transceiver channels, feeding multiple antennas in order to reduce the loss, the system complexity and to improve the reliability. It is a non compromise solution (perfectly matched and isolated ports) to combine up to 3 different GSM operators for the same cable system.

ELECTRICAL CHARACTERISTICS :

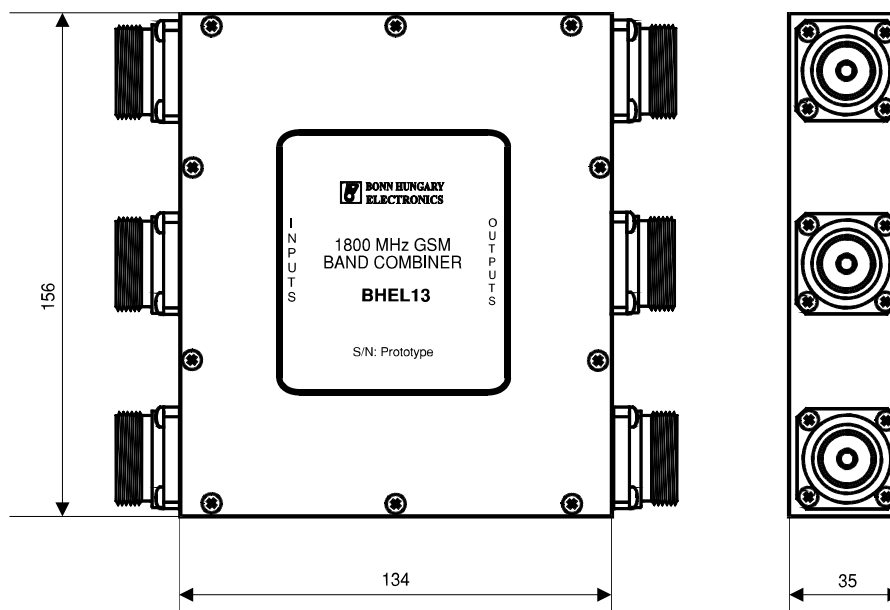
Frequency Band (*)	1710 to 1880 MHz
Reflection	< -20 dB typ. 25 - 30 dB
Isolation	> 20 dB typ. 30 dB
Insertion Loss (**)	0.6 dB
Insertion Loss Ripple	< ± 0.7 dB typ. < ± 0.3 dB
Max Input Power @ each connectors	50 W
Connectors	7 / 16 -female
Operating Temperature Range	- 30 to + 70 °C

(*) Other frequency range can be specified

Specifications are subject to change without notice.

(**) above theoretical 4.8 dB

OUTLINE DIMENSIONS (mm):



BONN Elektronik
RF Systems, Instruments and Components



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