



**BONN HUNGARY
ELECTRONICS**

**GSM DUAL BAND
900/1800 MHz
POWER SPLITTER**

**BHLD
Family
NDS # 701**

an ISO 9001 Certified Company



- **2 WAY 0° POWER DIVIDER/COMBINER**
- **IDEAL FOR THE DUAL 900/1800 MHz GSM SYSTEMS**
- **MULTIPLE ANTENNA FEED**

This dual band Power Splitter/Combiner is a universal system building block. It is intended for use in the 900/1800 MHz GSM systems. It can be used for feeding multiple antennas in order to reduce the system complexity and to improve the reliability.

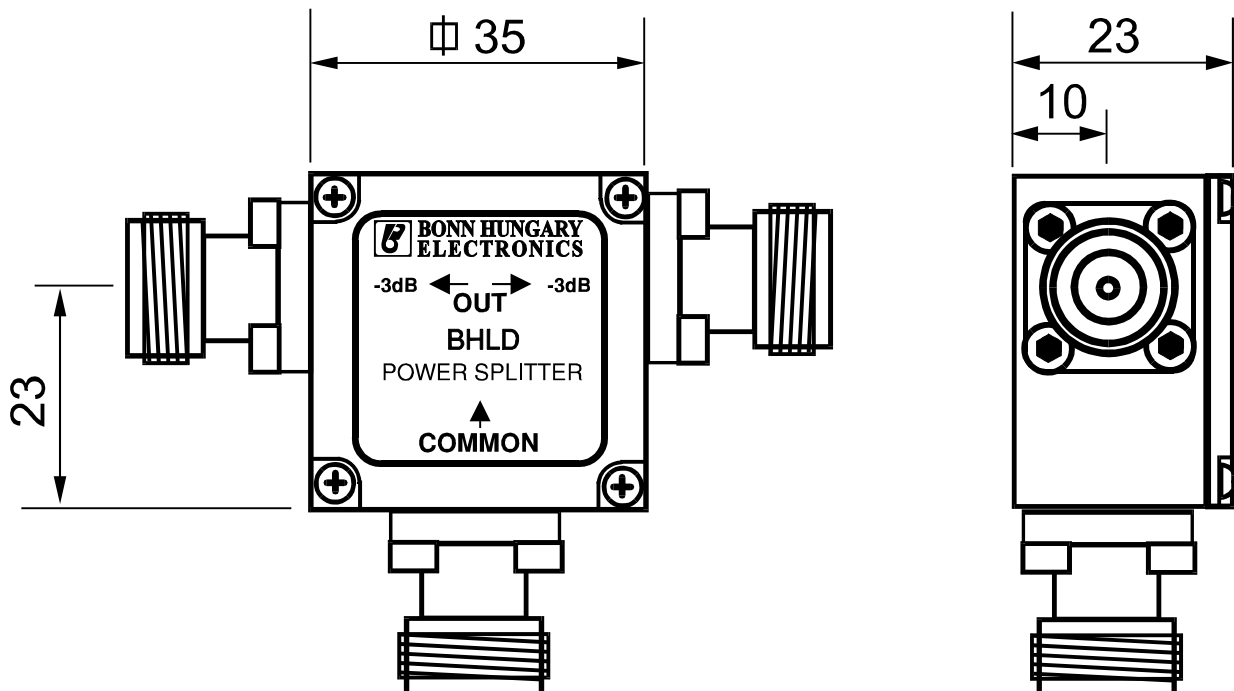
ELECTRICAL CHARACTERISTICS :

Frequency Band (*)	880 to 960 MHz	1710 to 1880 MHz
Reflection	< -20 dB	< -20 dB
Isolation	> 25 dB	> 25 dB
Insertion Loss	0.2 dB (above theoretical 3 dB)	0.2 dB (above theoretical 3 dB)
Max Input Power	40W@ VSWR< 1.2	40W@ VSWR< 1.2
	2W@ VSWR < 2	2W@ VSWR < 2
	1W@ VSWR ∞	1W@ VSWR ∞
Connectors	N-female	N-female
Operating Temperature Range	- 30 to + 70°C	- 30 to + 70°C

(*) Other frequency range can be specified

Specifications are subject to change without notice.

OUTLINE DIMENSIONS (mm):



BONN Elektronik
RF Systems, Instruments and Components



Rudolf-Diesel-Str.18 · D-85521 Ottobrunn · Tel +49 (0)89/608 754-0 · Fax +49 (0)89/608 754-99
email: info@bonn-elektronik.com · home: www.bonn-elektronik.com