# **BDC** 200 ... 1000 MHz
# Directional Coupler

BONN Elektronik
YOUR ULTIMATE RF POWER SOURCE

## STANDARD MODELS

| Model | Frequency Range X) | Coupling X) dB | Power Pmin W | Insertion Loss max dB | Directivity min dB | VSWR max Main Line | Main Line Connector 1), 2) | Coupling Line Connector 3) |
|---|---|---|---|---|---|---|---|---|
| **BDC 2010-20/200** | **200 ... 1000 MHz** | **20 ±1.75** | **200** | **0.2** | **20** | **1.20:1** | **SMA-f** | **SMA-f** |

**S: Single directional coupler**

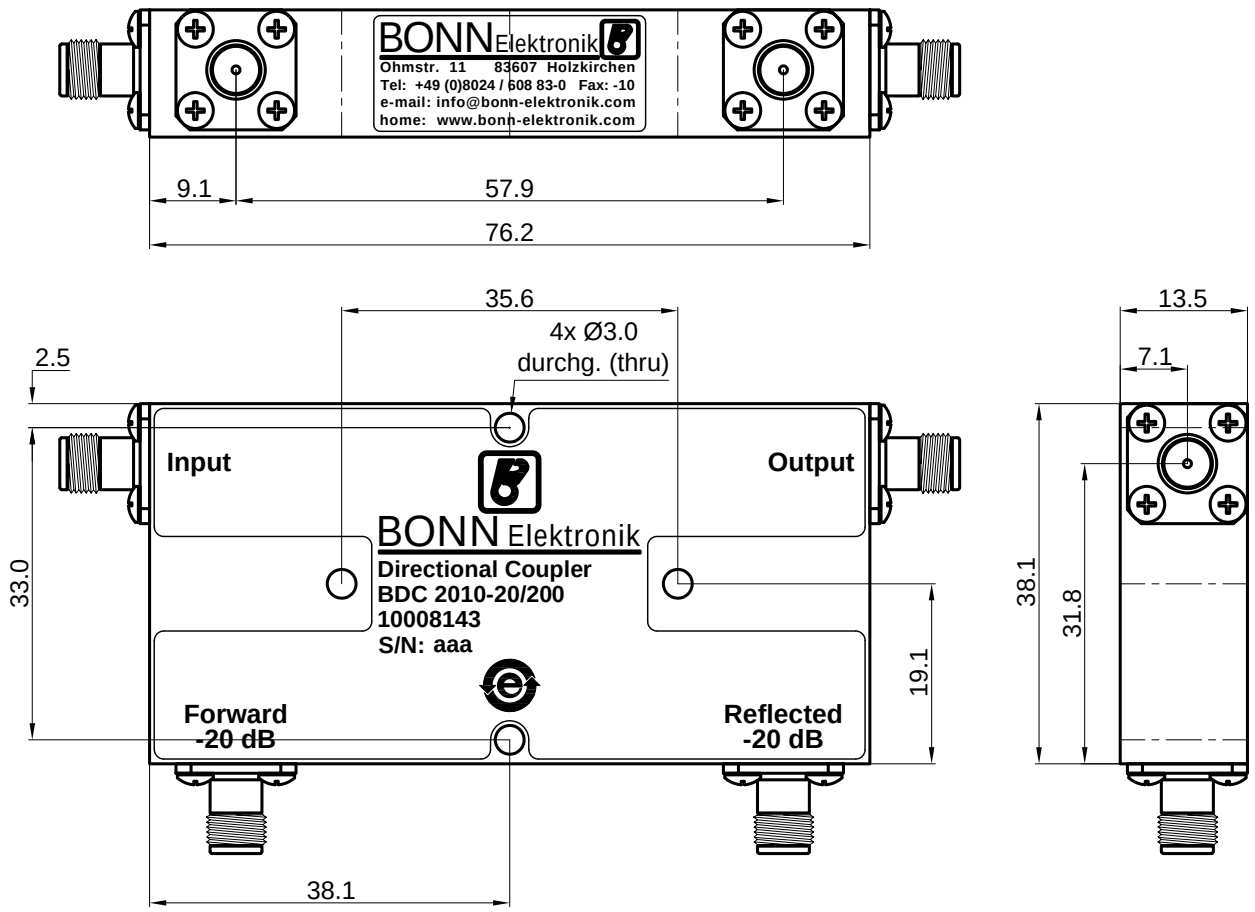
## OPTIONS

1) male RF input connector
2) alternative main line connectors

X) custom frequency range and custom coupling attenuation upon request
*) WRD 650: below 6.2 GHz, VSWR and directivity deteriorate

Notice:
Under normal operating conditions all Directional Couplers do not need to be mounted to a heatsink. However, if the units permanently run into high mismatch conditions at full rated power, the circuits will heat up significantly. In this case, we would recommend the units be mounted to a suitable heatsink or metal surface, capable to maintain a baseplate temperature of +60°C max.

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| Product Information | | Entwurf 04.02.19 Bonn |
|---|---|---|
| **10008143** | | |
| **Directional Coupler** | | Zeichnung 04.02.19 Bhu |
| **BDC 2010-20/200** | | Prüfung |
| BONN Elektronik info@bonn-elektronik.com • www.bonn-elektronik.com | 1-1 | Freigabe 05.02.19 Bonn |

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