

STANDARD MODELS

| Model | Frequency Range X) | Coupling X) dB | Power P _{min} W | Insertion Loss max dB | Directivity min dB | VSWR max Main Line | Main Line Connector 1), 2) | Coupling Line Connector 3) |
|-----------------|-----------------------|----------------------|--------------------------------|-----------------------------|--------------------------|--------------------------|----------------------------------|----------------------------------|
| BDC 4080-50/500 | 4 ... 8 GHz | 50 ±2.75 | 500 | 0.2 | 30 | 1.5:1 | WRD-350 | 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

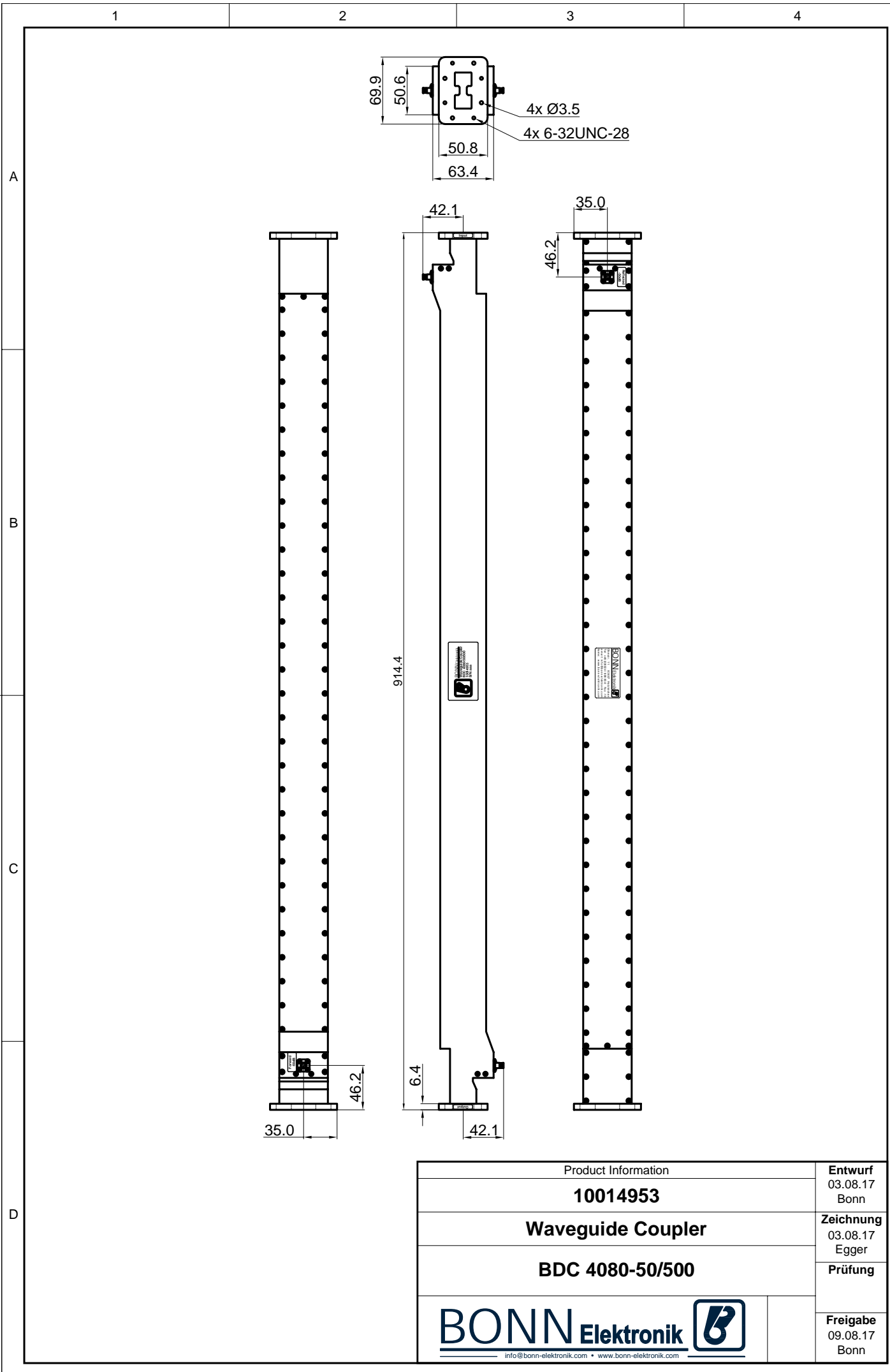
Notice:


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 03.08.17 Bonn |
| 10014953 | | Zeichnung 03.08.17 Egger |
| Waveguide Coupler | | Prüfung |
| BDC 4080-50/500 | | Freigabe 09.08.17 Bonn |
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