

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 0260-20/200	0.2 ... 6 GHz	20 ±3.25	200	1.1	14	1.4:1	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.

1

2

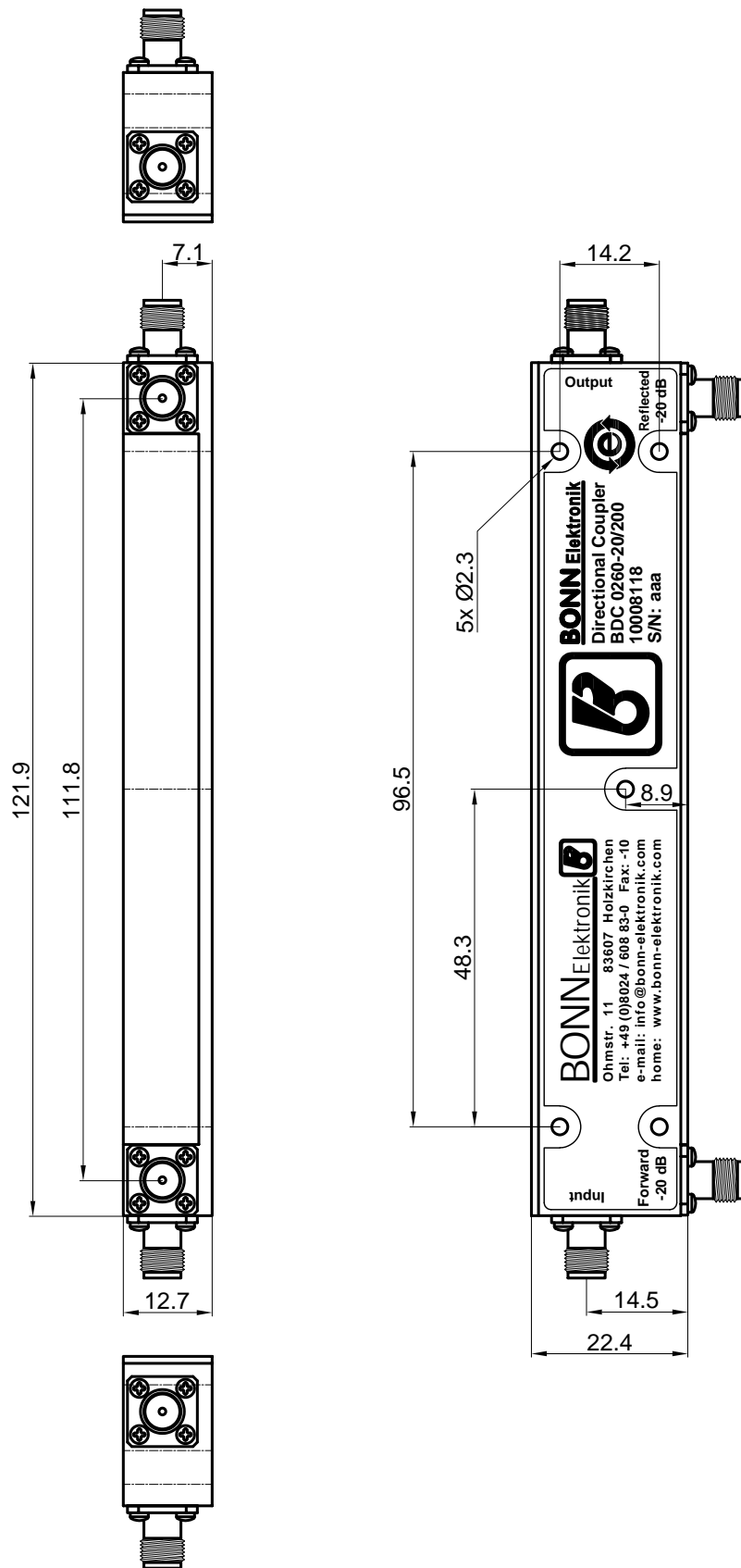
3

4

A

B

C



D

Rev.	Änderungsgrund	Datum	Name
R1D	RoHs hinzu	01.04.2022	Egger
R1C	Input u. Output text position in Schilder	12.08.2021	Bhu
R1B	Ansicht berichtigt	28.07.17	Egger
R1A	Erstellung	11.04.12	Fröhlich

CAD - Blöcke

10008118

Directional Coupler

Werlatone
C8060-102

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Entwurf

Zeichnung

Prüfung

Freigabe