

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 0103-50/1500	1 ... 30 MHz	50 ±1.5	1500	0.2	20	1.15:1	N-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

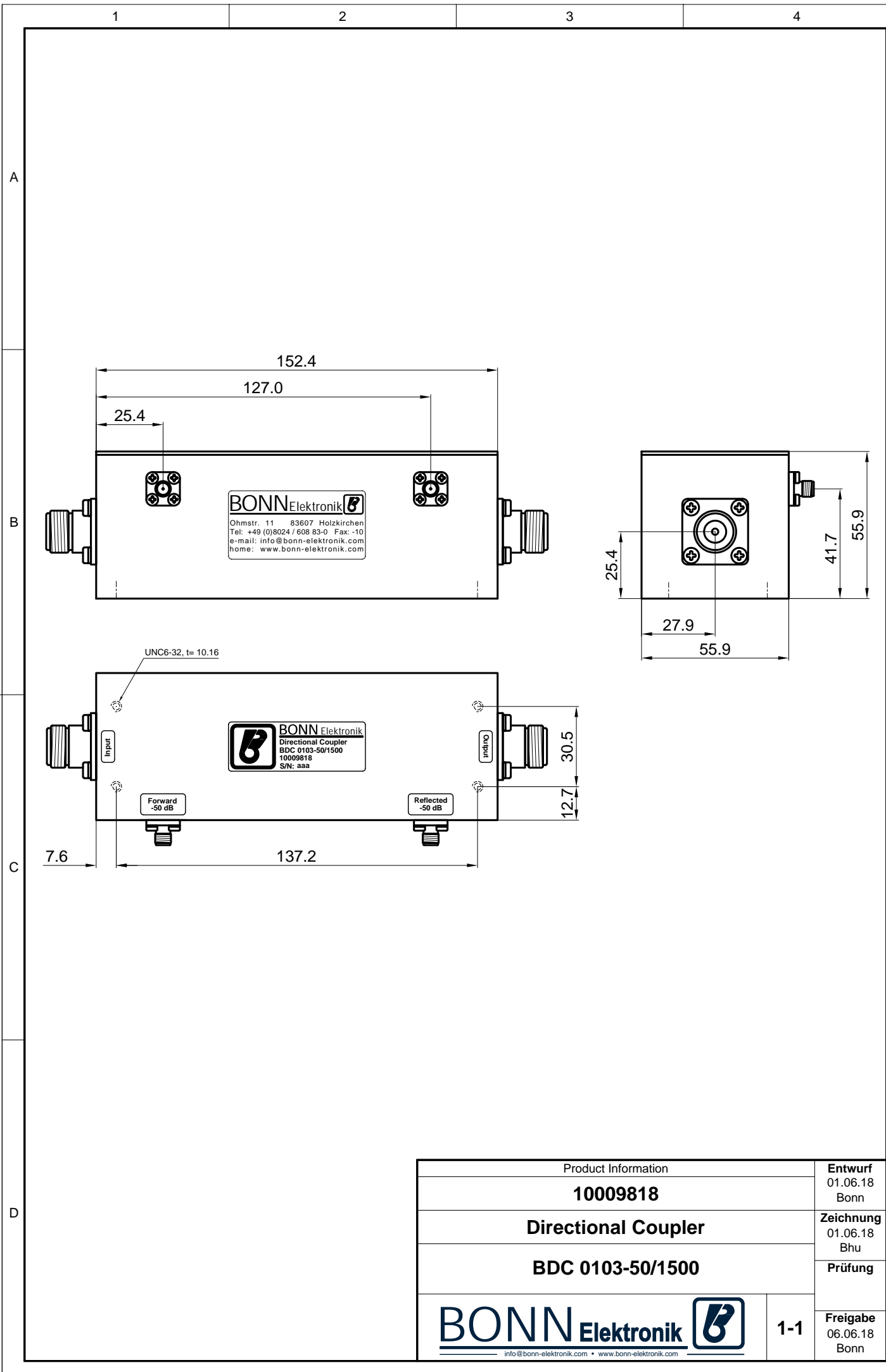
*) WRD 650: below 6.2 GHz, VSWR and directivity deteriorate

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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 technical progress. Unless otherwise indicated all dimensions in millimeters.



Product Information		Entwurf 01.06.18 Bonn
10009818		
Directional Coupler		Zeichnung 01.06.18 Bhu
BDC 0103-50/1500		
BONN Elektronik 		Prüfung
1-1		Freigabe 06.06.18 Bonn