



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

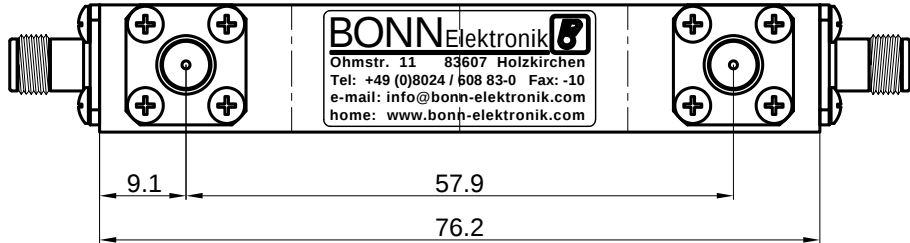
X) custom frequency range and custom coupling attenuation upon request

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

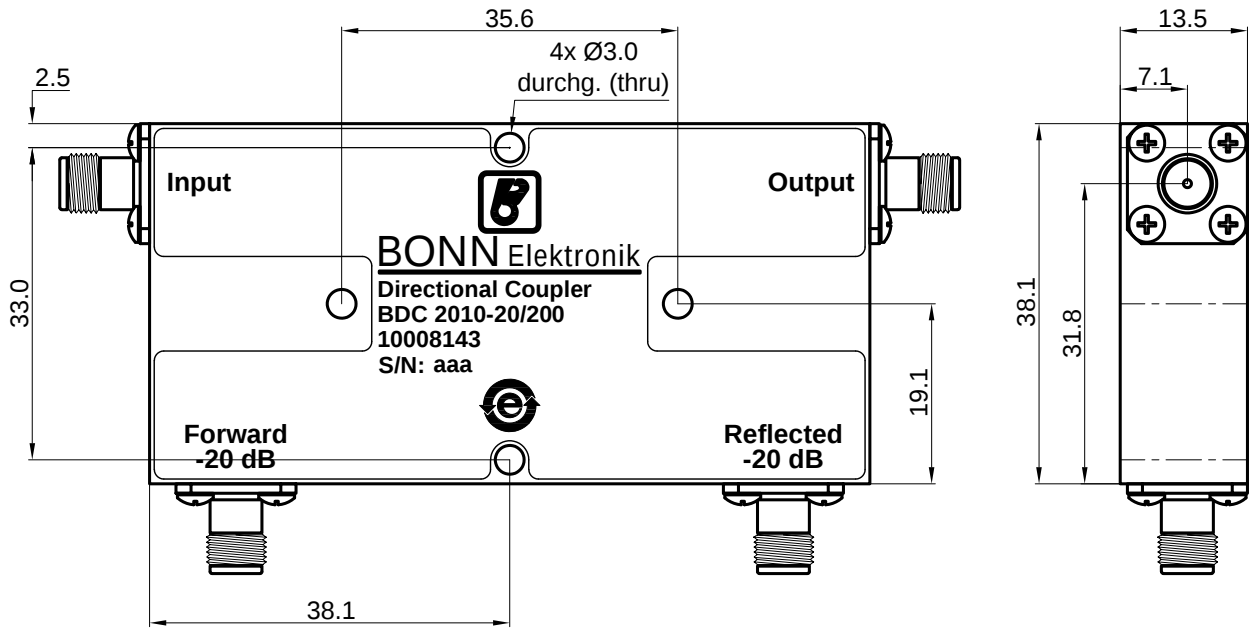
Notice:

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.

A



B



C

D

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