BDC 1 ... 30 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 0103-40/1000	1 ... 30 MHz	40 ±1.25	1000	0.1	25	1.05:1	N-f	SMA-f

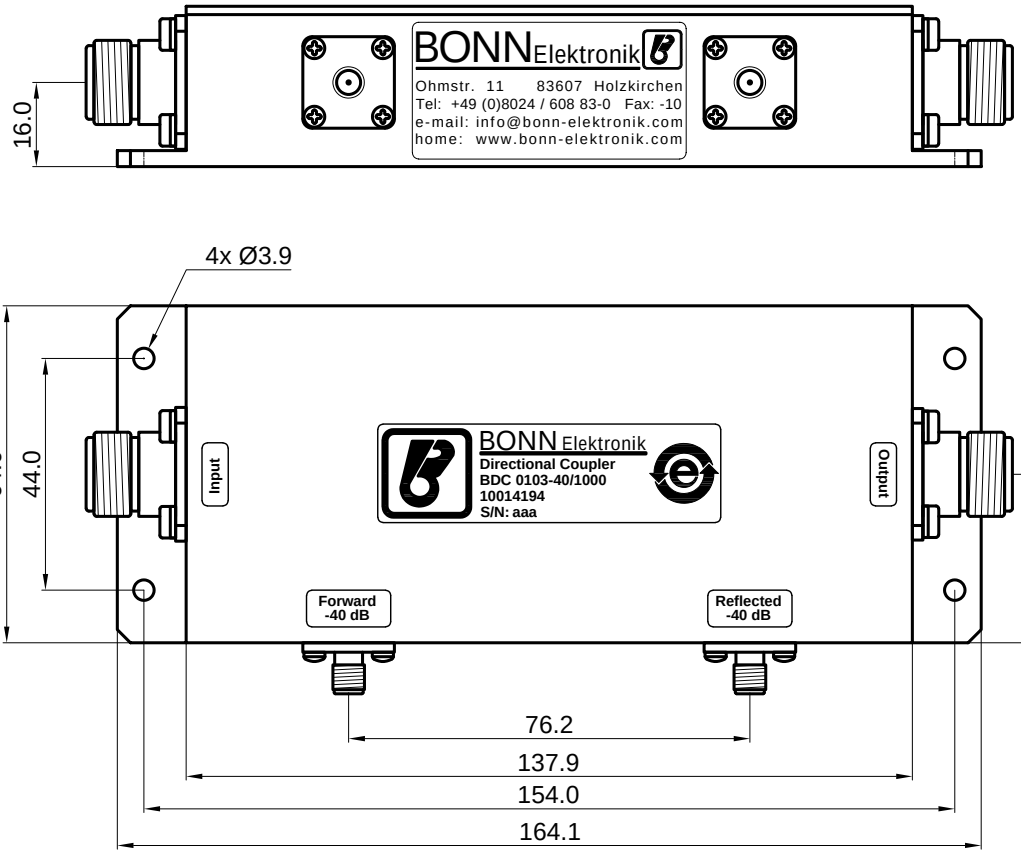
S: Single directional coupler

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.



Product Information		**Entwurf** 21.07.17 Bonn
10014194		
Directional Coupler		**Zeichnung** 21.07.17 Egger
BDC 0103-40/1000		**Prüfung**
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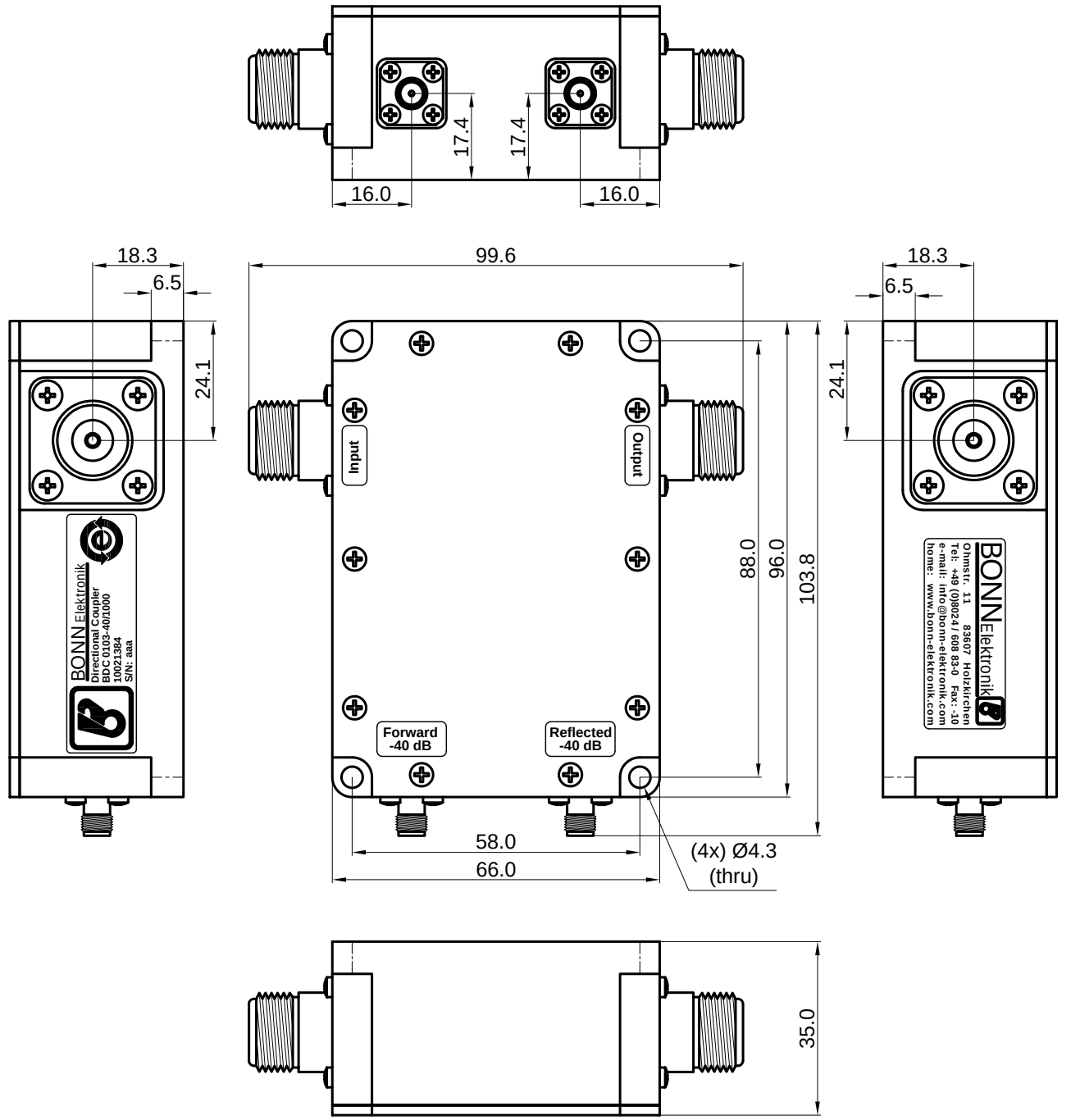
ISO - Projection



Product Information		**Entwurf** 30.11.2020 Bonn
10021384		
Directional Coupler		**Zeichnung** 30.11.2020 Benka
BDC 0103-40/1000		**Prüfung**
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ISO - Projection