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 0160-30/500	0.1 ... 6 GHz					1.3:1	N-f	N-f
	144 ... 146 MHz	45 ±3	500	0.2	20			
	400 ... 450 MHz	36 ±3	500	0.2	20			
	0.7 ... 6 GHz	30 ±2	500	0.2	20			

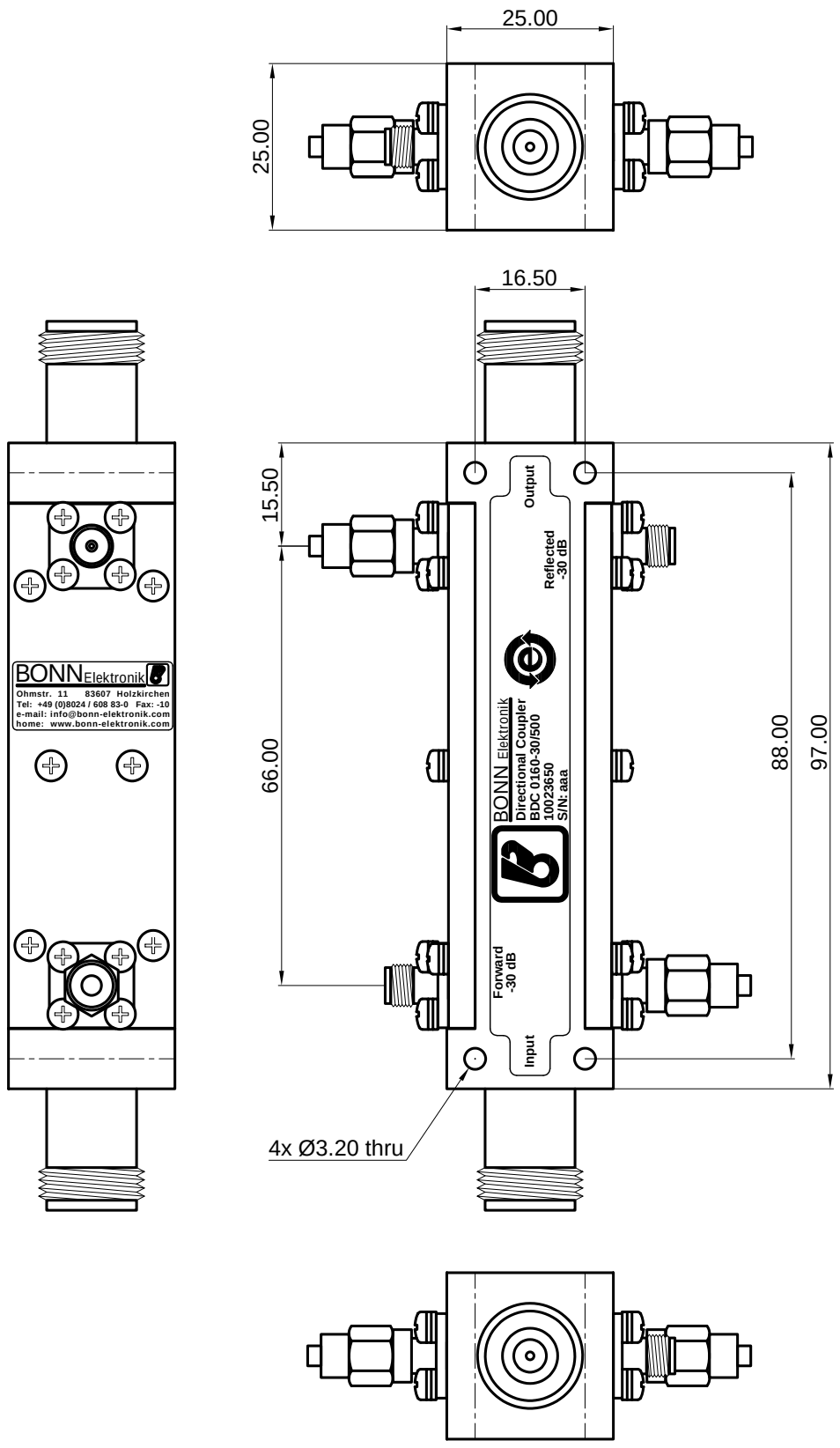
S: Single directional coupler

OPTIONS

1) male RF input connector
2) alternative main line connectors

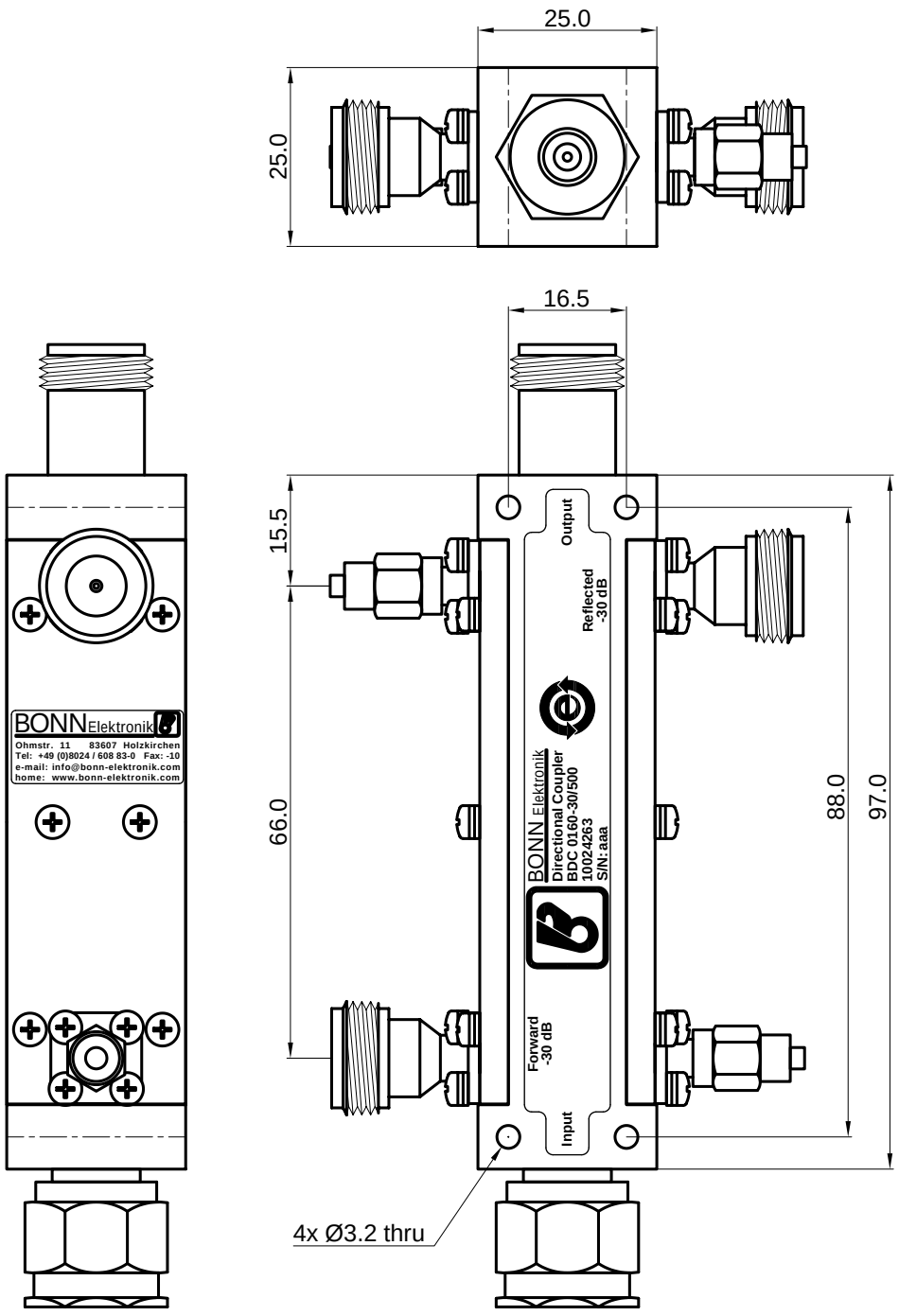
X) custom frequency range and custom coupling attenuation upon request
*) WRD 650: below 6.2 GHz, VSWR and directivity deteriorate

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** 26.07.2022 Bonn
10023650	
Directional Coupler	**Zeichnung** 26.07.2022 Bhu
BDC 0160-30/500	**Prüfung**
BONN Elektronik info@bonn-elektronik.com • www.bonn-elektronik.com	**Blatt** 1-1
	Freigabe 26.07.2022 Bonn

ISO - Projection



Product Information		**Entwurf** 14.12.2022 Bonn
10024263		
Directional Coupler		**Zeichnung** 14.12.2022 Egger
BDC 0160-30/500		**Prüfung**
BONN Elektronik info@bonn-elektronik.com • www.bonn-elektronik.com	**1-1**	**Freigabe** 14.12.2022 Bonn