BDC 12.4 ... 18 GHz
Directional Coupler

BONN Elektronik
YOUR ULTIMATE RF POWER SOURCE

STANDARD MODELS

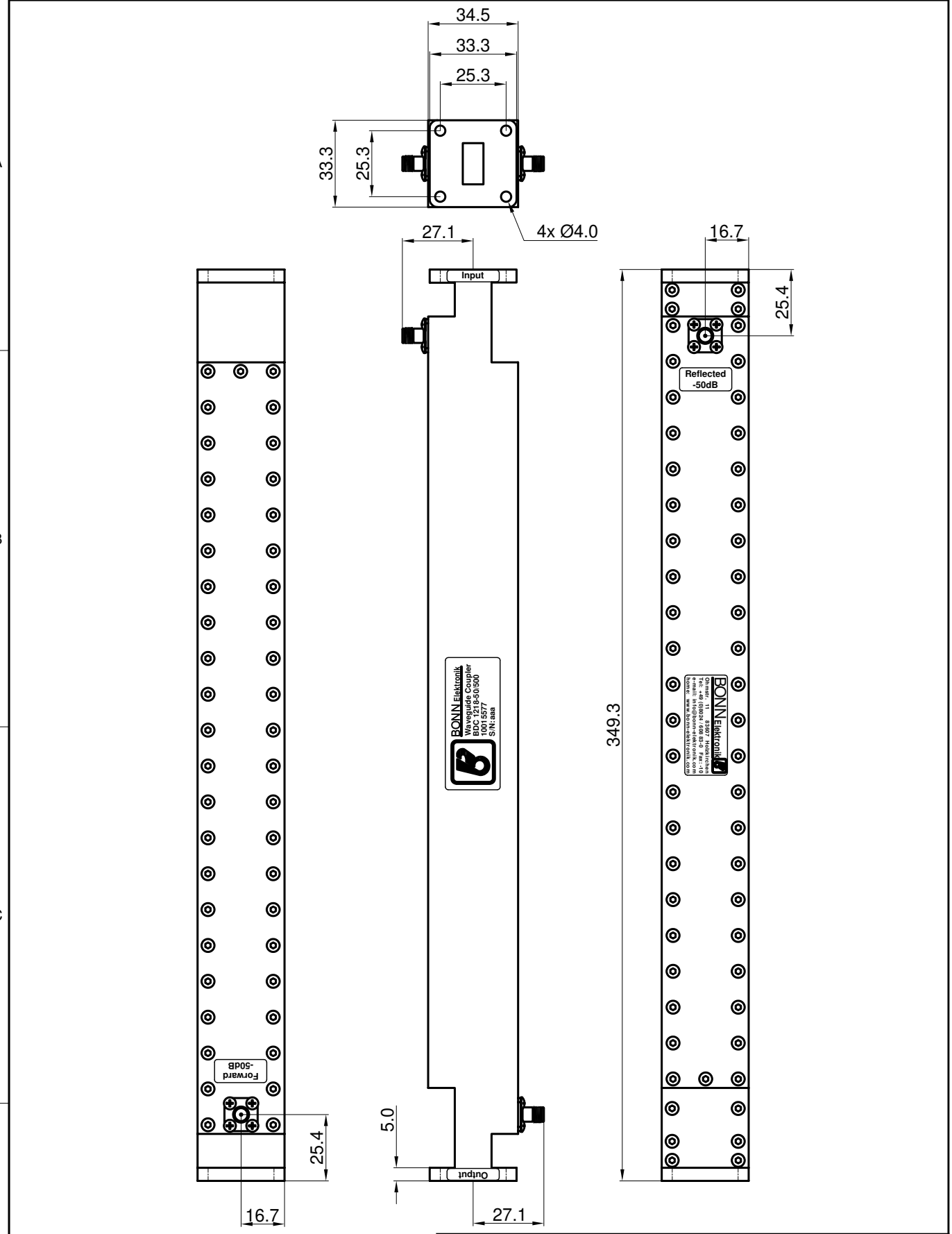
Model	Frequency Range X)	Coupling X) dB	Power Pmin W	Insertion Loss max dB	Directivity min dB	VSWR max Main Line	Main Line Connector	Coupling Line Connector
BDC 1218-50/500 S: Single directional coupler	12.4 ... 18 GHz	50 ±1.6	0 / 0 ±0	0 / 0	0	2 HU, 430 mm	0	SMA-f

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** 03.08.17 Bonn
10015577		
Waveguide Coupler		**Zeichnung** 03.08.17 Egger
BDC 1218-50/500		**Prüfung**
BONN Elektronik info@bonn-elektronik.com • www.bonn-elektronik.com	**1-1**	**Freigabe** 09.03.18 Bonn

ISO - Projection