

# BDC 12.4 ... 18 GHz

## Directional Coupler

### STANDARD MODELS

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

For individual data sheets, please click on the above model name  
S: Single directional coupler

#### 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.