

# BDC 0.7 ... 4.2 GHz

## Directional Coupler

### STANDARD MODELS

| Model            | Frequency Range<br>X) | Power<br>P <sub>min</sub><br>W | Coupling<br>X)<br>dB | Insertion Loss<br>max<br>dB | Directivity<br>min<br>dB | VSWR<br>max<br>Main Line | Main Line<br>Connector<br>1), 2) | Coupling Line<br>Connector<br>3) |
|------------------|-----------------------|--------------------------------|----------------------|-----------------------------|--------------------------|--------------------------|----------------------------------|----------------------------------|
| BDC 0742-20/200  | 0.7 ... 4.2 GHz       | 200                            | 20 ±2                | 0.3                         | 20                       | 1.4:1                    | N-f                              | SMA-f                            |
| BDC 0742-30/500  | 0.7 ... 4.2 GHz       | 500                            | 30 ±2                | 0.2                         | 20                       | 1.3:1                    | N-f                              | SMA-f                            |
| BDC 0742-40/500  | 0.7 ... 4.2 GHz       | 500                            | 40 ±2                | 0.2                         | 20                       | 1.3:1                    | N-f                              | SMA-f                            |
| BDC 0742-50/500  | 0.7 ... 4.2 GHz       | 500                            | 50 ±2                | 0.2                         | 20                       | 1.3:1                    | N-f                              | SMA-f                            |
| BDC 0742-40/1500 | 0.7 ... 4.2 GHz       | 1500                           | 40 ±2                | 0.2                         | 20                       | 1.3:1                    | 7-16-f                           | SMA-f                            |
| BDC 0742-50/1500 | 0.7 ... 4.2 GHz       | 1500                           | 50 ±2                | 0.2                         | 20                       | 1.3:1                    | 7-16-f                           | SMA-f                            |

For individual data sheets, please click on the above model name

Dimensions without connectors