

FEATURE:

- Rugged construction
- High directivity
- Low Insertion Loss
- 0.5-110GHz

APPLICATIONS:

- Test equipment
- Subsystems
- Power sampling



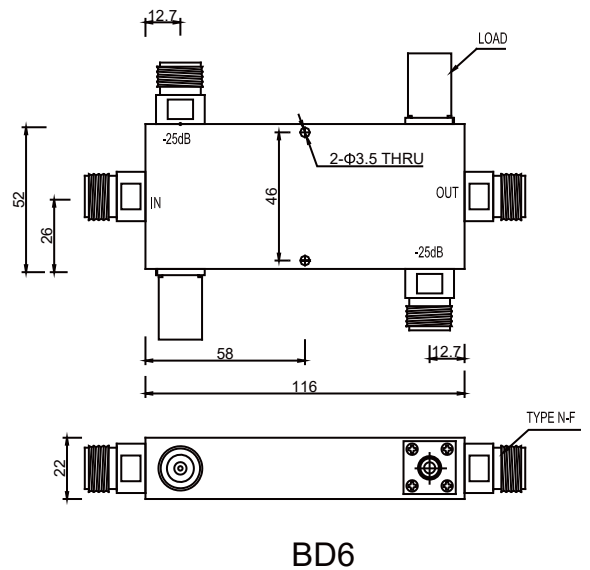
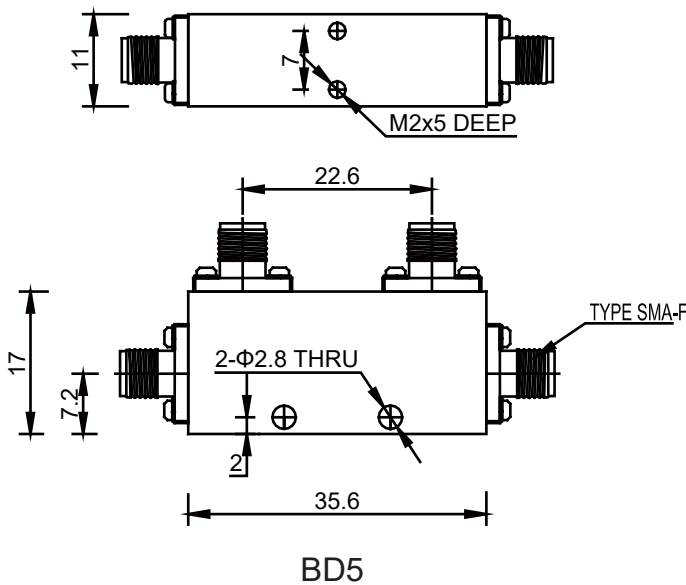
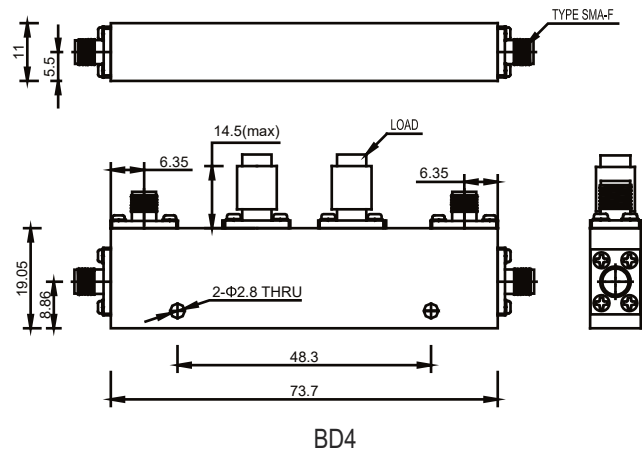
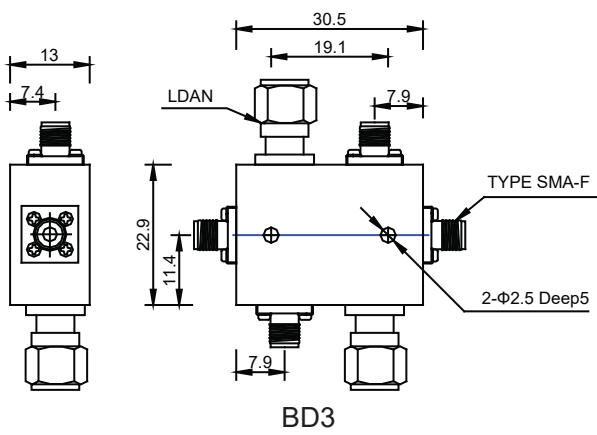
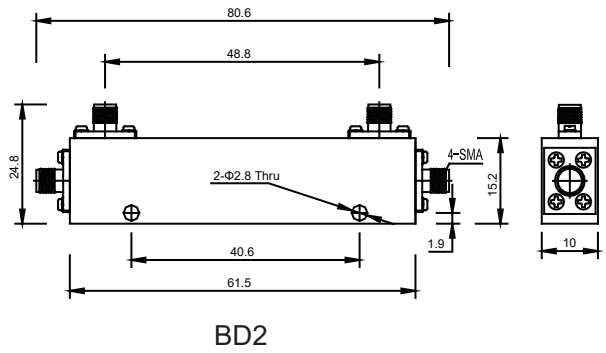
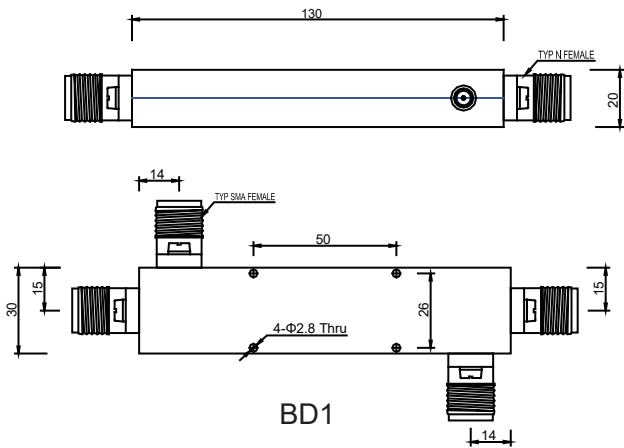
SPECIFICATIONS@25°C:

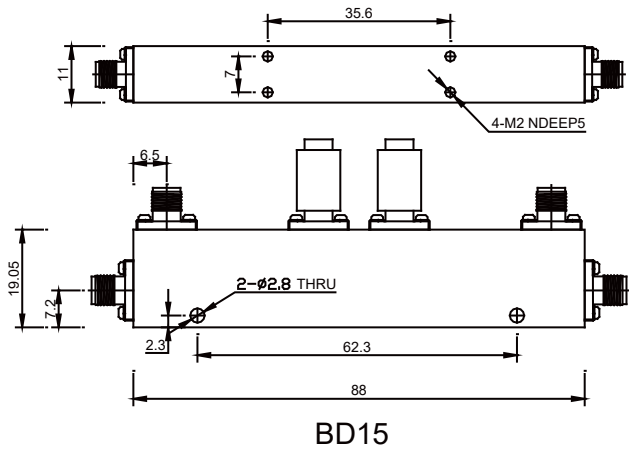
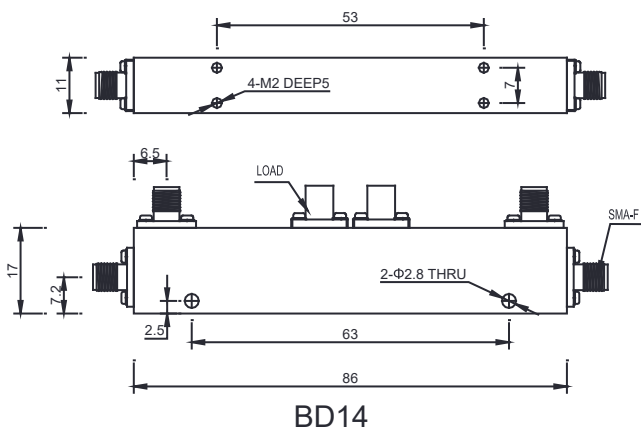
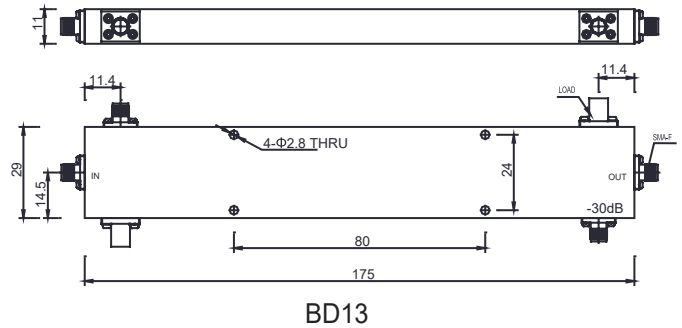
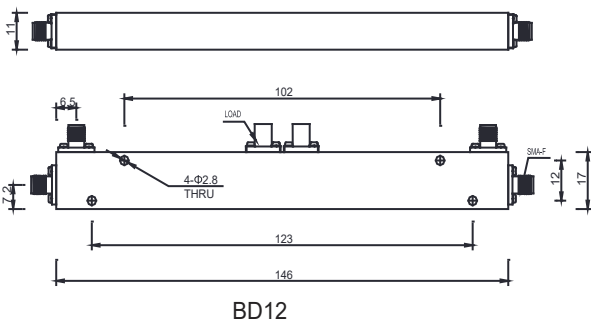
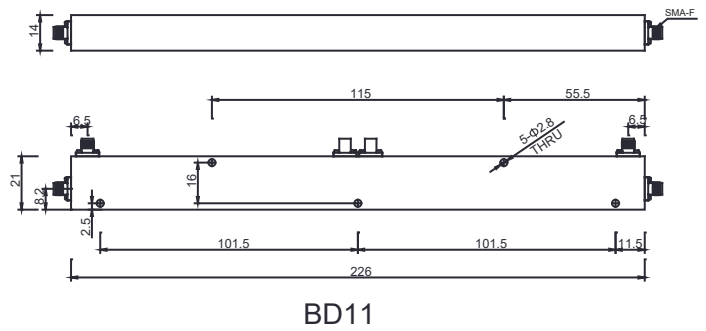
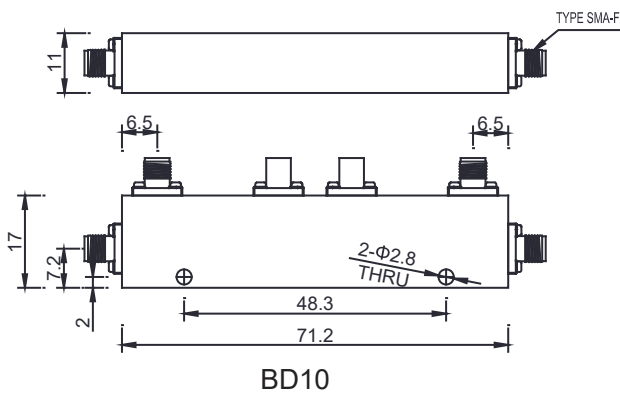
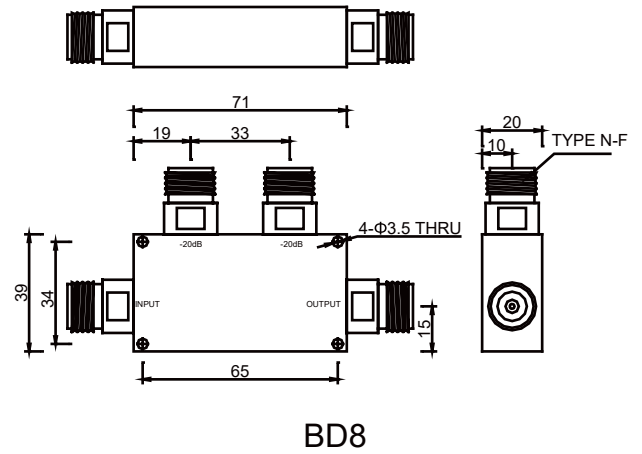
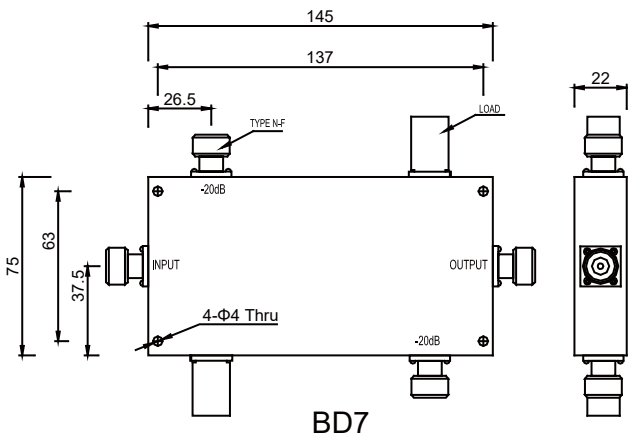
| Part Number | Frequency Range (GHz) | Coupling (dB.Max) | Frequency Sensitivity (\pm dB Max) | Directivity (dB Typ.) | Insertion Loss (dB) | VSWR (Max) | Power (W.Avg) | Power Peak | Case Type |
|----------------|-----------------------|-------------------|---------------------------------------|-----------------------|---------------------|------------|---------------|------------|-----------|
| MCD003005D20M | 0.3-0.5 | 20 \pm 1 | 1 | 20 | 0.5 | 1.2 | 50 | 3KW | BD11 |
| MCD003010D30M | 0.3-1 | 30 \pm 1 | 1 | 18 | 0.4 | 1.25 | 50 | 3KW | BD13 |
| MCD005020D10M | 0.5-2 | 10 \pm 1.25 | 0.8 | 20 | 1.5 | 1.15 | 10 | 200 | BD1/BD2 |
| MCD005020D20M | 0.5-2 | 20 \pm 1.25 | 0.8 | 20 | 0.5 | 1.15 | 10 | 200 | BD1/BD2 |
| MCD005020D20L | 0.5-2 | 20 \pm 0.7 | 0.7 | 20 | 0.7 | 1.2 | 30 | / | BD11 |
| MCD005020D30M | 0.5-2 | 30 \pm 1.25 | 0.8 | 20 | 0.4 | 1.15 | 10 | 200 | BD1/BD2 |
| MCD005180D20M | 0.5-18 | 20 \pm 1.2 | 1.2 | 12 | 2.4 | 1.5 | 50 | 3KW | BD11 |
| MCD007060D20L | 0.7-6 | 20 \pm 1 | 1 | 20 | 1.2 | 1.3 | 30 | / | BD11 |
| MCD008022D25H | 0.8-2.2 | 25 \pm 1 | 1 | 20 | 0.2 | 1.15 | 500 | 3000 | BD6 |
| MCD008025D25H | 0.8-2.5 | 25 \pm 1 | 1 | 20 | 0.25 | 1.2 | 500 | 3000 | BD6 |
| MCD008025D30H | 0.8-2.5 | 30 \pm 1.5 | 1 | 20 | 0.25 | 1.2 | 500 | 3000 | BD6 |
| MCD010020D10M | 1-2 | 10 \pm 1.25 | 0.8 | 22 | 1.5 | 1.15 | 10 | 200 | BD1/BD2 |
| MCD010020D20M | 1-2 | 20 \pm 1.25 | 0.8 | 22 | 0.5 | 1.15 | 10 | 200 | BD1/BD2 |
| MCD010020D30M | 1-2 | 30 \pm 1.25 | 0.8 | 22 | 0.4 | 1.15 | 10 | 200 | BD1/BD2 |
| MCD010020D40H | 1-2 | 40 \pm 1 | 1 | 18 | 0.25 | 1.3 | 200 | / | BD20 |
| MCD010040D20H | 1-4 | 20 \pm 0.7 | 0.7 | 20 | 0.7 | 1.2 | 50 | / | BD16 |
| MCD010040D20HN | 1-4 | 20 \pm 1 | 0.8 | 20 | 0.3 | 1.3 | 500 | 10000 | BD7 |
| MCD010040D30H | 1-4 | 30 \pm 1 | 1.2 | 20 | 0.3 | 1.3 | 500 | / | BD21 |
| MCD010180D20M | 1-18 | 20 \pm 1 | 1 | 12 | 2 | 1.5 | 30 | 1KW | BD12 |
| MCD010180D20L | 1-18 | 20 \pm 1 | 1 | 10 | 1.5 | 1.5 | 50 | 1KW | BD12 |
| MCD010180D20H | 1-18 | 20 \pm 1 | 1 | 12 | 0.5 | 1.5 | 50 | / | BD16 |
| MCD020030D20H | 2-3 | 20 \pm 1 | 1 | 18 | 0.35 | 1.3 | 300 | 5000 | BD8 |
| MCD020040D10M | 2-4 | 10 \pm 1.25 | 0.8 | 20 | 1.5 | 1.2 | 10 | 200 | BD1/BD2 |
| MCD020040D20M | 2-4 | 20 \pm 0.8 | 0.8 | 20 | 0.5 | 1.2 | 50 | 3000 | BD4 |
| MCD020040D30M | 2-4 | 30 \pm 1.25 | 0.8 | 20 | 0.4 | 1.2 | 10 | 200 | BD1/BD2 |
| MCD020060D20L | 2-6 | 20 \pm 1 | 1 | 18 | 0.8 | 1.3 | 30 | / | BD15 |
| MCD020060D30M | 2-6 | 30 \pm 1 | 0.75 | 15 | 0.35 | 1.3 | 100 | 3000 | BD3 |

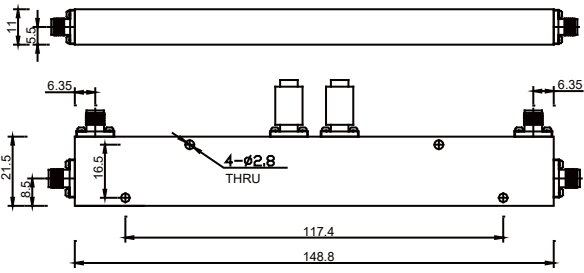


BIDIRECTIONAL COUPLER

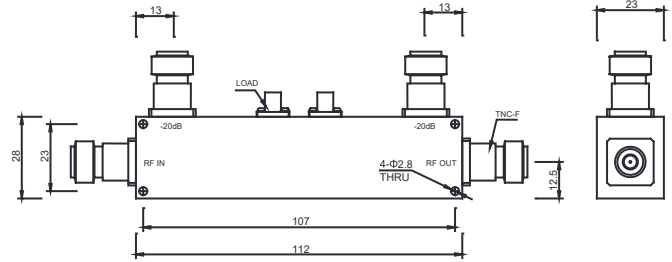
| Part Number | Frequency Range (GHz) | Coupling (dB.Max) | Frequency Sensitivity (\pm dB Max) | Directivity (dB Typ.) | Insertion Loss (dB) | VSWR (Max) | Power (W.Avg) | Power Peak | Case Type |
|---------------|-----------------------|-------------------|---------------------------------------|-----------------------|---------------------|------------|---------------|------------|-----------|
| MCD026052D10M | 2.6-5.2 | 10 \pm 1.25 | 0.8 | 18 | 1.5 | 1.3 | 10 | 200 | BD1/BD2 |
| MCD026052D20M | 2.6-5.2 | 20 \pm 1.25 | 0.8 | 18 | 0.5 | 1.3 | 10 | 200 | BD1/BD2 |
| MCD026052D30M | 2.6-5.2 | 30 \pm 1.25 | 0.8 | 18 | 0.4 | 1.3 | 10 | 200 | BD1/BD2 |
| MCD040080D10M | 4-8 | 10 \pm 1.25 | 0.8 | 18 | 1.7 | 1.35 | 10 | 200 | BD1/BD2 |
| MCD040080D20M | 4-8 | 20 \pm 1 | 1 | 18 | 1 | 1.3 | 50 | 1KW | BH14 |
| MCD040080D20H | 4-8 | 20 \pm 1 | 0.5 | 18 | 0.5 | 1.25 | 50 | 3KW | BD5 |
| MCD040080T20C | 4-8 | 20 \pm 1 | 1 | 15(Min) | 1.2 | 1.4 | 50(Inc) | / | BD18 |
| MCD040080D30M | 4-8 | 30 \pm 1.25 | 0.8 | 18 | 0.4 | 1.35 | 10 | 200 | BD1/BD2 |
| MCD070124D10M | 7-12.4 | 10 \pm 1 | 0.6 | 16 | 1.2 | 1.35 | 10 | 1KW | BD4 |
| MCD070124D20M | 7-12.4 | 20 \pm 1 | 0.6 | 15 | 0.9 | 1.35 | 10 | 1KW | BD4 |
| MCD070124D30M | 7-12.4 | 30 \pm 1.25 | 0.6 | 16 | 0.6 | 1.35 | 10 | 200 | BD1/BD2 |
| MCD080160D10M | 8-16 | 10 \pm 1.25 | 0.8 | 15 | 2.2 | 1.4 | 10 | 200 | BD1/BD2 |
| MCD080160D20M | 8-16 | 20 \pm 1 | 0.8 | 12 | 1.6 | 1.5 | 50 | 3000 | BD4 |
| MCD080160D30M | 8-16 | 30 \pm 1.25 | 0.8 | 15 | 1 | 1.4 | 10 | 200 | BD1/BD2 |
| MCD124180D10M | 12.4-18 | 10 \pm 1 | 0.6 | 12 | 2 | 1.5 | 5 | 500 | BD4 |
| MCD124180D20M | 12.4-18 | 20 \pm 1.25 | 0.6 | 15 | 1 | 1.4 | 10 | 200 | BD4 |
| MCD124180D30M | 12.4-18 | 30 \pm 1.25 | 0.6 | 15 | 1 | 1.4 | 10 | 200 | BD1/BD2 |
| MCD250330D30L | 25-33 | 30 \pm 1 | 1 | 15 | 2.5 | 1.5 | 20 | / | BD19 |



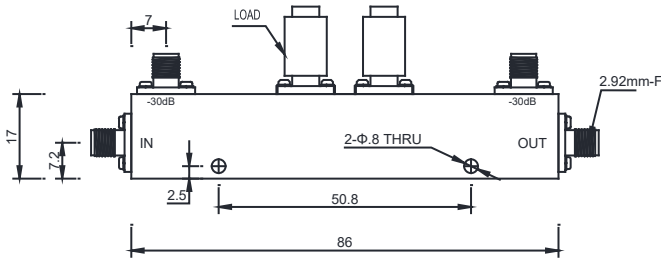
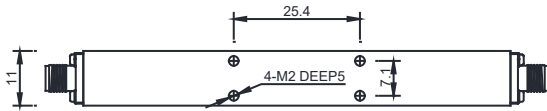




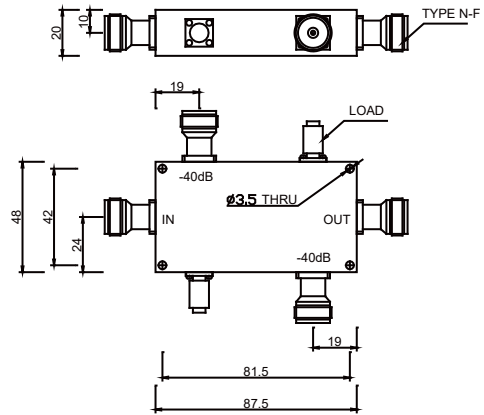
BD16



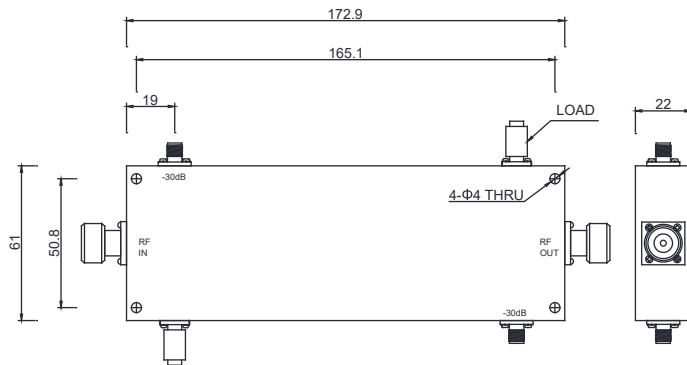
BD18



BD19



BD20



BD21