

# Inner DC Blocks

- Wideband performance, 9KHz and up to 67GHz
- 50V till 250V options
- Excellent return loss, very low insertion loss
- Male/female, male/male and female/female available
- RoHS and REACH compliant

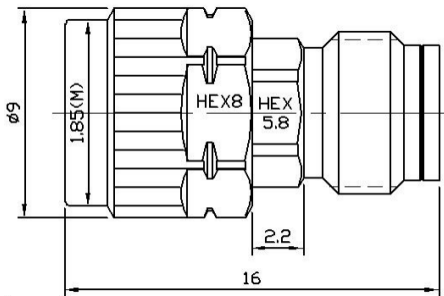


## 1.85mm, 10MHz-67GHz

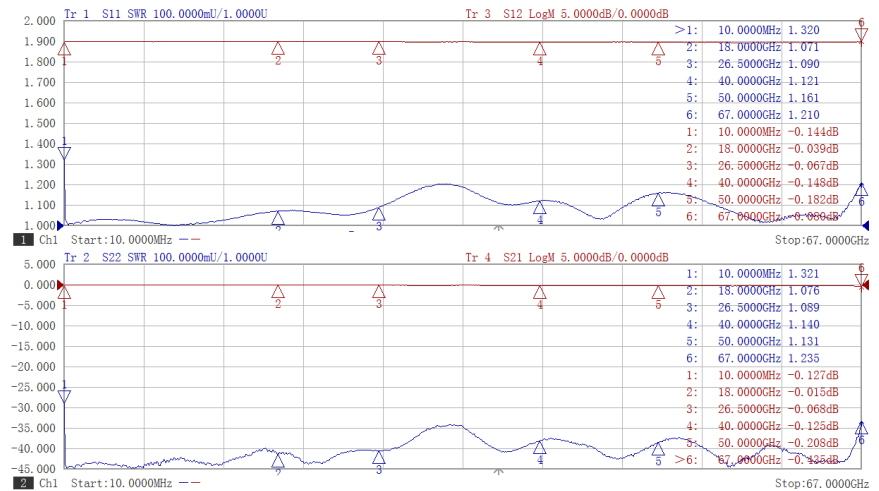
| Part Number | Freq Range | IL Max | VSWR | Voltage Max | Connector |
|-------------|------------|--------|------|-------------|-----------|
|             | (GHz)      | (dB)   | Max  | V           |           |
| DB6067A     | 0.01-67    | 0.9    | 1.5  | 60          | 1.85mm    |



Drawing(mm)



Typical Test Data

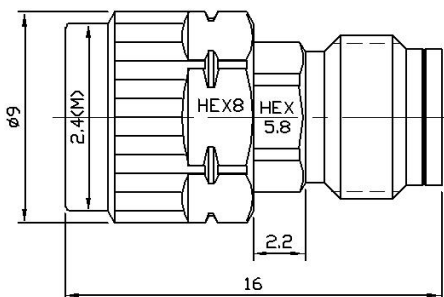


## 2.4mm, 10MHz-50GHz

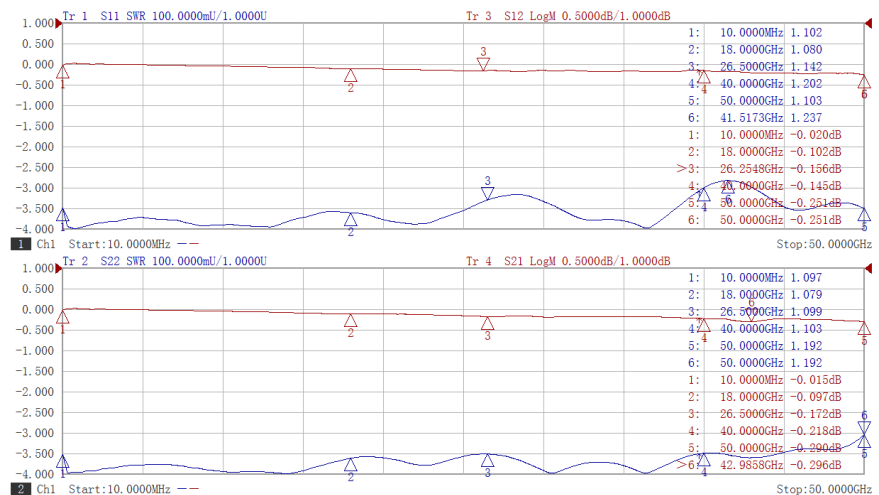
| Part Number | Freq Range | IL Max | VSWR | Voltage Max | Connector |
|-------------|------------|--------|------|-------------|-----------|
|             | (GHz)      | (dB)   | Max  | V           |           |
| DB6050A     | 0.01-50    | 0.6    | 1.35 | 60          | 2.4mm     |



Drawing(mm)



Typical Test Data



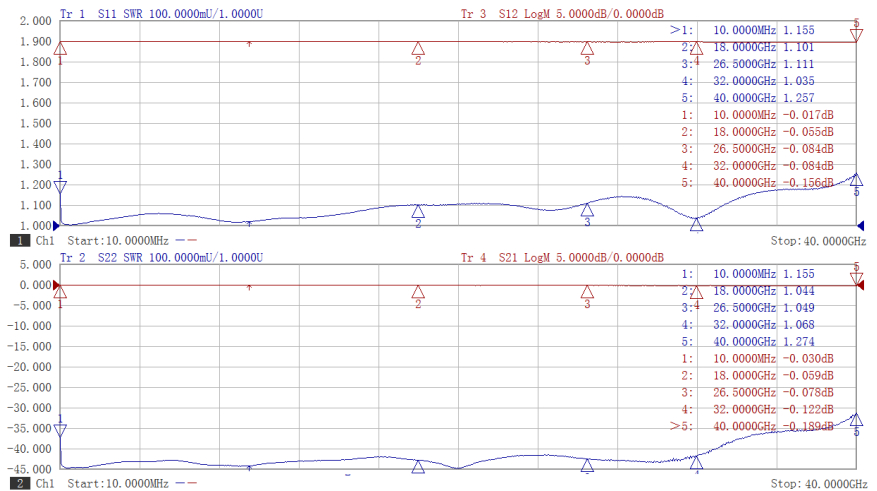
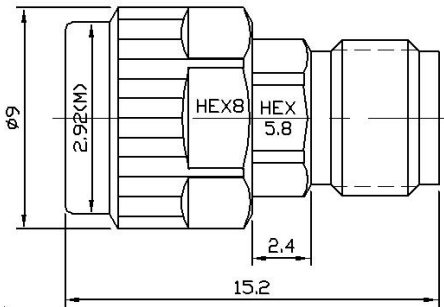
### 2.92mm, 10MHz-40GHz

| Part Number | Freq Range | IL Max | VSWR | Voltage Max | Connector |
|-------------|------------|--------|------|-------------|-----------|
|             | (GHz)      | (dB)   | Max  | V           |           |
| DB6040A     | 0.01-40    | 0.5    | 1.35 | 60          | 2.92mm    |



#### Typical Test Data

Drawing(mm)



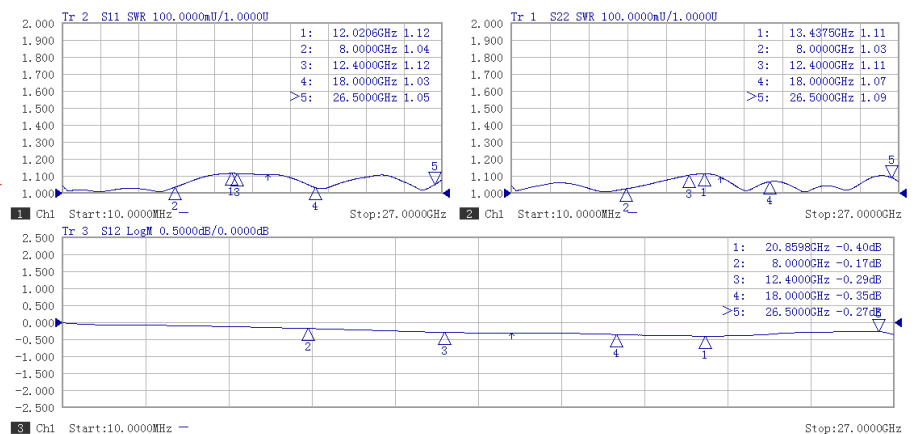
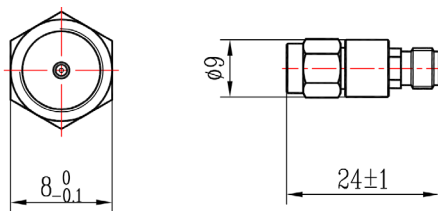
### SMA, 9KHz-26.5GHz, 10MHz-26.5GHz

| Part Number | Freq Range    | IL Max | VSWR | Voltage Max | Connector |
|-------------|---------------|--------|------|-------------|-----------|
|             | (GHz)         | (dB)   | Max  | V           |           |
| DB27S1A     | 9KHz-26.5GHz  | 1.0    | 1.55 | 50          | SMA       |
| DB27S2A     | 10MHz-26.5GHz | 0.6    | 1.3  | 50          | SMA       |
| DB27S3A     | 10MHz-26.5GHz | 0.6    | 1.3  | 100         | SMA       |
| DB27S4A     | 10MHz-26.5GHz | 0.6    | 1.3  | 250         | SMA       |



#### Typical Test Data

Drawing(mm)



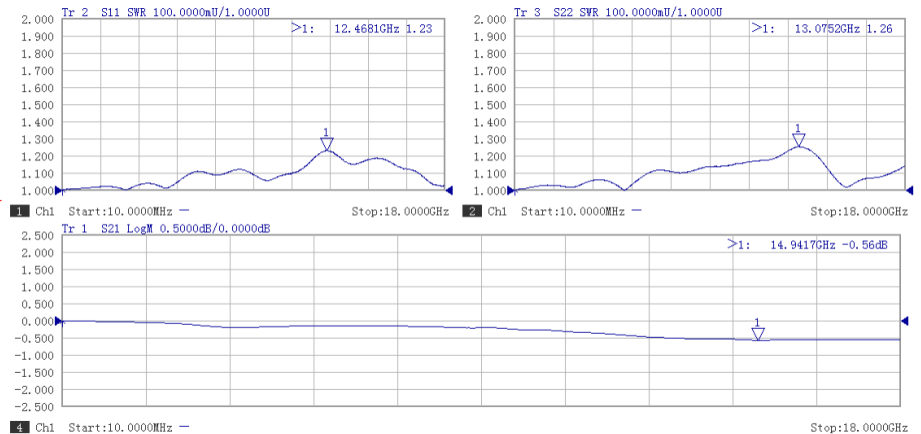
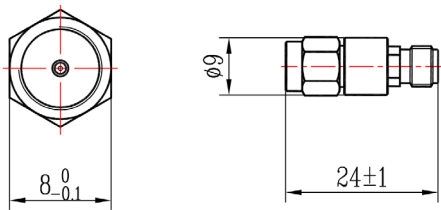
### SMA, 9KHz-18GHz, 10MHz-18GHz

| Part Number | Freq Range  | IL Max | VSWR | Voltage Max | Connector |
|-------------|-------------|--------|------|-------------|-----------|
|             | (GHz)       | (dB)   | Max  | V           |           |
| DB18S1A     | 9KHz-18GHz  | 0.9    | 1.3  | 50          | SMA       |
| DB18S2A     | 10MHz-18GHz | 0.5    | 1.3  | 50          | SMA       |
| DB18S3A     | 10MHz-18GHz | 0.5    | 1.3  | 100         | SMA       |
| DB18S4A     | 10MHz-18GHz | 0.5    | 1.3  | 250         | SMA       |



#### Typical Test Data

#### Drawing(mm)



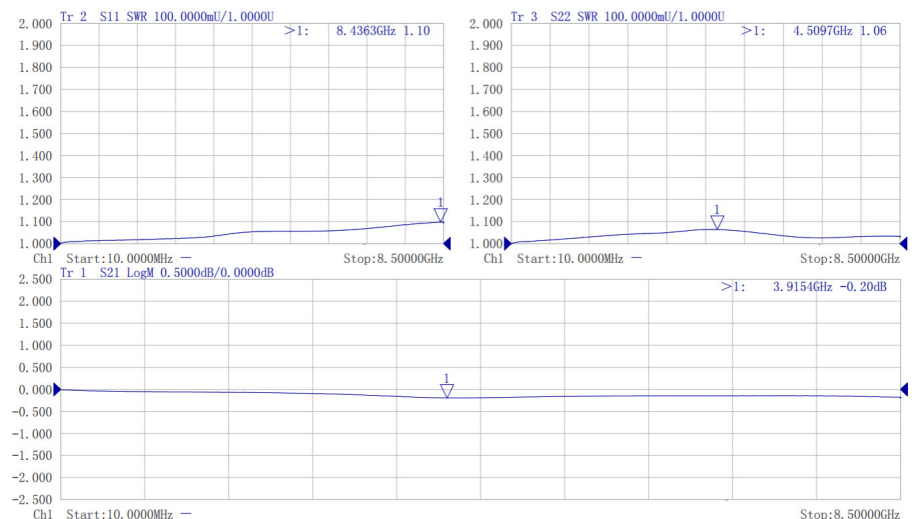
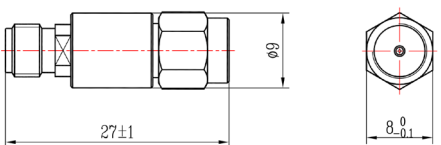
### SMA, 10MHz-8GHz

| Part Number | Freq Range | IL Max | VSWR | Voltage Max | Connector |
|-------------|------------|--------|------|-------------|-----------|
|             | (GHz)      | (dB)   | Max  | V           |           |
| DB08S5A     | 10MHz-8GHz | 0.3    | 1.2  | 50          | SMA       |
| DB08S6A     | 10MHz-8GHz | 0.3    | 1.2  | 100         | SMA       |
| DB08S7A     | 10MHz-8GHz | 0.3    | 1.2  | 250         | SMA       |



#### Typical Test Data

#### Drawing(mm)



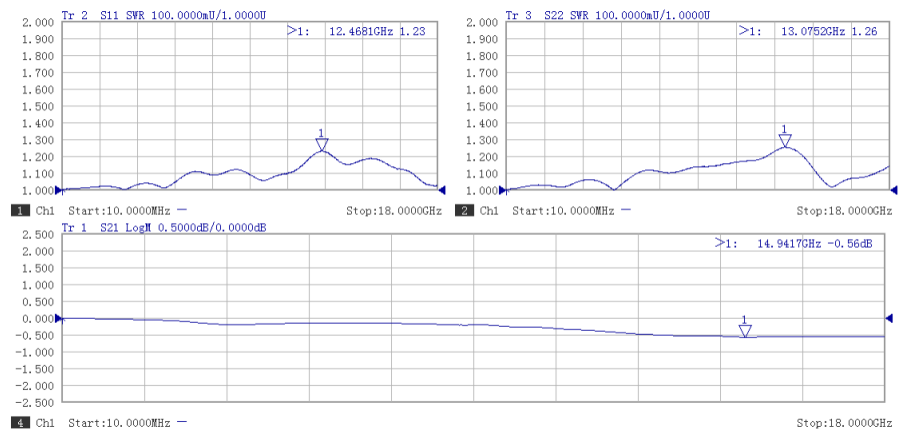
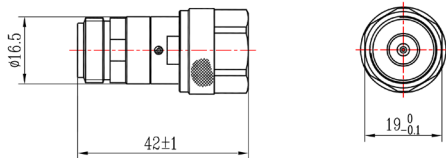
### Type N, 9KHz-18GHz, 10MHz-18GHz

| Part Number | Freq Range  | IL Max | VSWR | Voltage Max | Connector |
|-------------|-------------|--------|------|-------------|-----------|
|             | (GHz)       | (dB)   | Max  | V           |           |
| DB18N1A     | 9KHz-18GHz  | 0.9dB  | 1.3  | 50V         | N         |
| DB18N2A     | 10MHz-18GHz | 0.6dB  | 1.3  | 50V         | N         |
| DB18N3A     | 10MHz-18GHz | 0.6dB  | 1.3  | 100V        | N         |
| DB18N4A     | 10MHz-18GHz | 0.6dB  | 1.3  | 250V        | N         |



#### Typical Test Data

#### Drawing(mm)



### Type N, 10MHz-8GHz

| Part Number | Freq Range | IL Max | VSWR | Voltage Max | Connector |
|-------------|------------|--------|------|-------------|-----------|
|             | (GHz)      | (dB)   | Max  | V           |           |
| DB08N5A     | 10MHz-8GHz | 0.4dB  | 1.2  | 50V         | N         |
| DB08N6A     | 10MHz-8GHz | 0.4dB  | 1.2  | 100V        | N         |
| DB08N7A     | 10MHz-8GHz | 0.4dB  | 1.2  | 250V        | N         |



#### Typical Test Data

#### Drawing(mm)

