

## FSDC-500-8500-K1-40-N

0.5~8.5GHz, 100W

### Features:

- \* Broadband
- \* Low Insertion Loss

### Applications:

- \* Amplifiers
- \* Transmitter
- \* Laboratory Test
- \* Radar

### Electrical

Frequency:	0.5~8.5GHz
Insertion Loss:	0.5dB max.
Coupling:	40±2dB @500~6000MHz 41±3.5dB @6000~8000MHz
Directivity:	12dB min.
Coupling Flatness::	±1.5dB @500~6000MHz
VSWR (Mainline):	1.3 max.
VSWR (Coupling):	1.5 max.
Average Power:	100W
Impedance:	50Ω

### Mechanical

Size <sup>*1</sup> :	38.1*38.1*27.6mm 1.5*1.5*1.087in
Connectors:	N Female
Mounting:	4-Φ3.8mm through-hole

[1] Exclude connectors

### Environmental

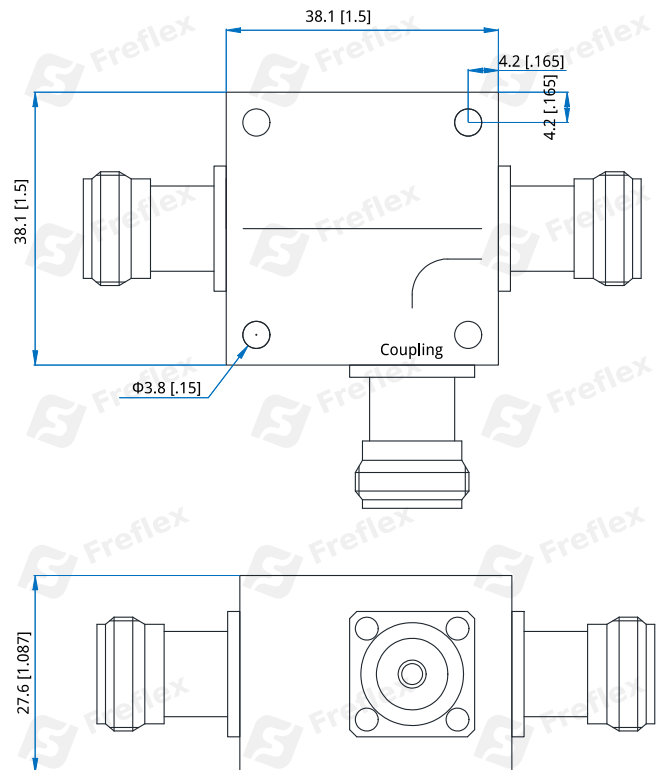
Operation Temperature:	-40~+85°C
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### How To Order

**FSDC-500-8500-K1-40-N**

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]