

# 4-Way Power Divider/Combiner

# **FPD4-0.1-400-K4-N** 4-Way, 0.1~400MHz

Features: \* Small Size

\* Low Insertion Loss

- Applications:
- \* Amplifiers
- \* Mixers \* Antennas
- \* Laboratory Test

### Electrical

Frequency:	0.1~400MHz
Insertion Loss <sup>*1</sup> :	0.8dB max.
Input VSWR:	1.4 max.
Output VSWR:	1.4 max.
Isolation:	15dB min.
Amplitude Balance:	±0.1dB max.
Phase Balance:	±6° max.
Impedance:	50Ω
Power @SUM Port:	400W max. as divider
	400W max. as combiner

[1] Excluding theoretical loss 6dB.

#### Mechanical

Size*2:	275*265*75mm
	10.827*10.433*2.953in
Fan <sup>*3</sup> Size:	40*40*20mm
	1.575*1.575*0.787in
Connectors:	N Female
Mounting:	10-Ф4.8mm through-hole

[2] Exclude connectors.

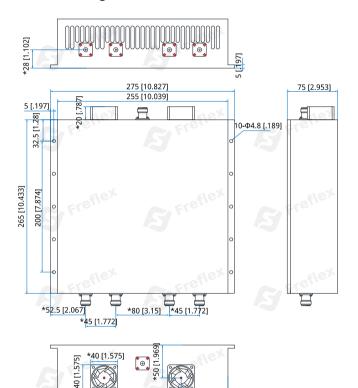
[3] Rated voltage 24V, air volume greater than or equal to 0.2m<sup>3</sup>/min.Red line is positive, black line is negative, the wind direction of the product internal blowing. Connecting plug model: 2.52 /2pin.

#### How To Order

FPD4-0.1-400-K4-N

Customization is available upon request.

### **Outline Drawings**



\*70 [2.756]

Unit: mm [in] Tolerance: ±0.2mm [±0.008in] \*Ensure dimensions for design.