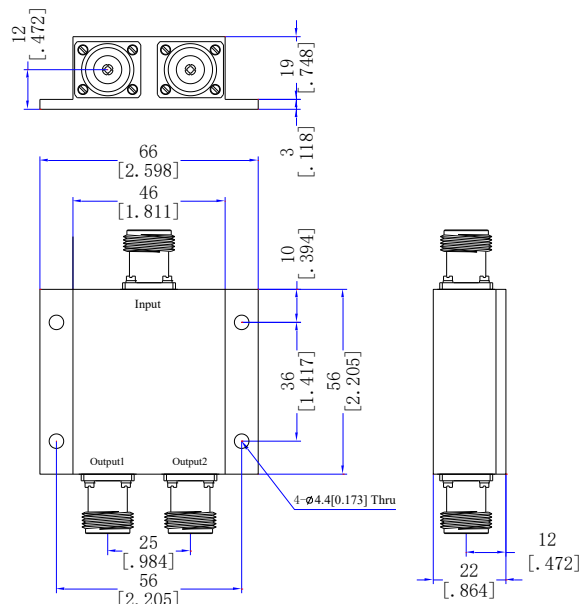


FS2PD50-4200-7000-N

2-Way Power Divider / Combiner, 50W, 4.2-7GHz, N(f)

Electrical Specifications		
1	Frequency Range	4.2-7.0 GHz
2	Impedance	50 Ω
3	Insertion Loss	1.0 dB Max. (<i>Above 3.01 dB Theoretical Loss</i>)
4	Isolation	16 dB Min.
5	Input VSWR	1.30:1 Max.
6	Output VSWR	1.25:1 Max.
7	Phase Balance	$\pm 3^\circ$ Max.
8	Amplitude Balance	± 0.2 dB Max.
9	Power Handling @ Common Port	50 W CW (Divider Mode)
10	Power Handling @ Common Port	1 W CW (Combiner Mode)
11	DC Current	500 mA (250 mA for each port)
Environmental Specifications		
1	Operating Temperature	-40°C ~ +70°C
Mechanical Specifications		
1	Connectors	N-Female
2	Waterproof Grade	IP 65
3	Surface Finish	Black Paint
4	Dimensions ¹	66 x 56 x 22 mm [2.598 x 2.205 x 0.864 in]

Outline Drawing (Dimension in mm [in], Tolerance: ± 0.3 mm [± 0.01 in])



Ordering Information:

Model: **FS2PD50-4200-7000-N**

Note 1: Dimensions do not include connectors.