

Technical proposal for JX-DC-450M960M-20Nx Coupler

◆ High Performance

◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2020/06/04	Lee	Created	/

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1. Mechanical layout

Table 1 Mechanical specifications @ JX-DC-450M960M-20Nx

Dimension	L x W x H: 112.4mm x 36.2mm x 21mm
Connectors	N-Female
Finish	Red paint spraying (RAL3000)
Ingress Protection	Indoor use
Notes	Material shall be RoHS 6/6

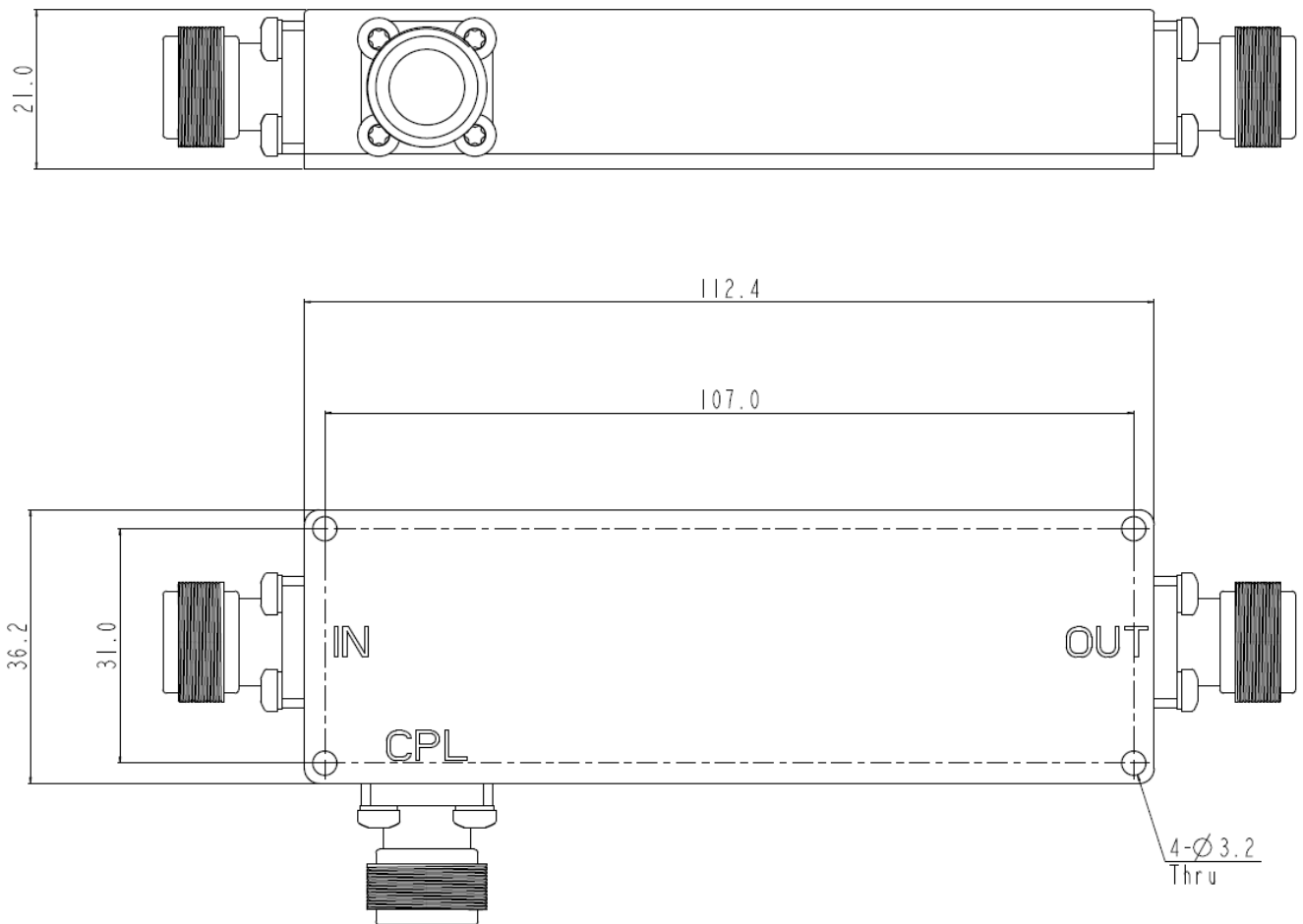


Figure 1 JX-DC-450M960M-20Nx front panel layout

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2. Electrical specifications

Table 2 Electrical specifications @ JX-DC-450M960M-20Nx

Item	Parameter	Specification			
1	Frequency range	450-960 MHz			
2	Model number	JX-DC-450M960 M-20N6	JX-DC-450M960 M-20N10	JX-DC-450M96 0M-20N15	JX-DC-450M960 M-20N20
3	Coupling	6±1.0 dB	10±1.0 dB	15±1.0 dB	20±1.0 dB
4	Insertion loss	≤0.35 dB (Excluding theoretical loss)			
5	VSWR	≤1.25:1			
6	Directivity	≥20 dB			
7	Power	50 W			
8	Impedance	50 Ω			
9	Temperature range	-20 to +70°C			

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