

Technical proposal for JX-CI1-146M174M-50N Coaxial Isolator

Revision History

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1. Mechanical layout

Table 1 Mechanical Specifications

Dimension	LxWxH: 170mm x 80mm x 43mm
Connectors	N-Female
Notes	Material shall be RoHS 6/6

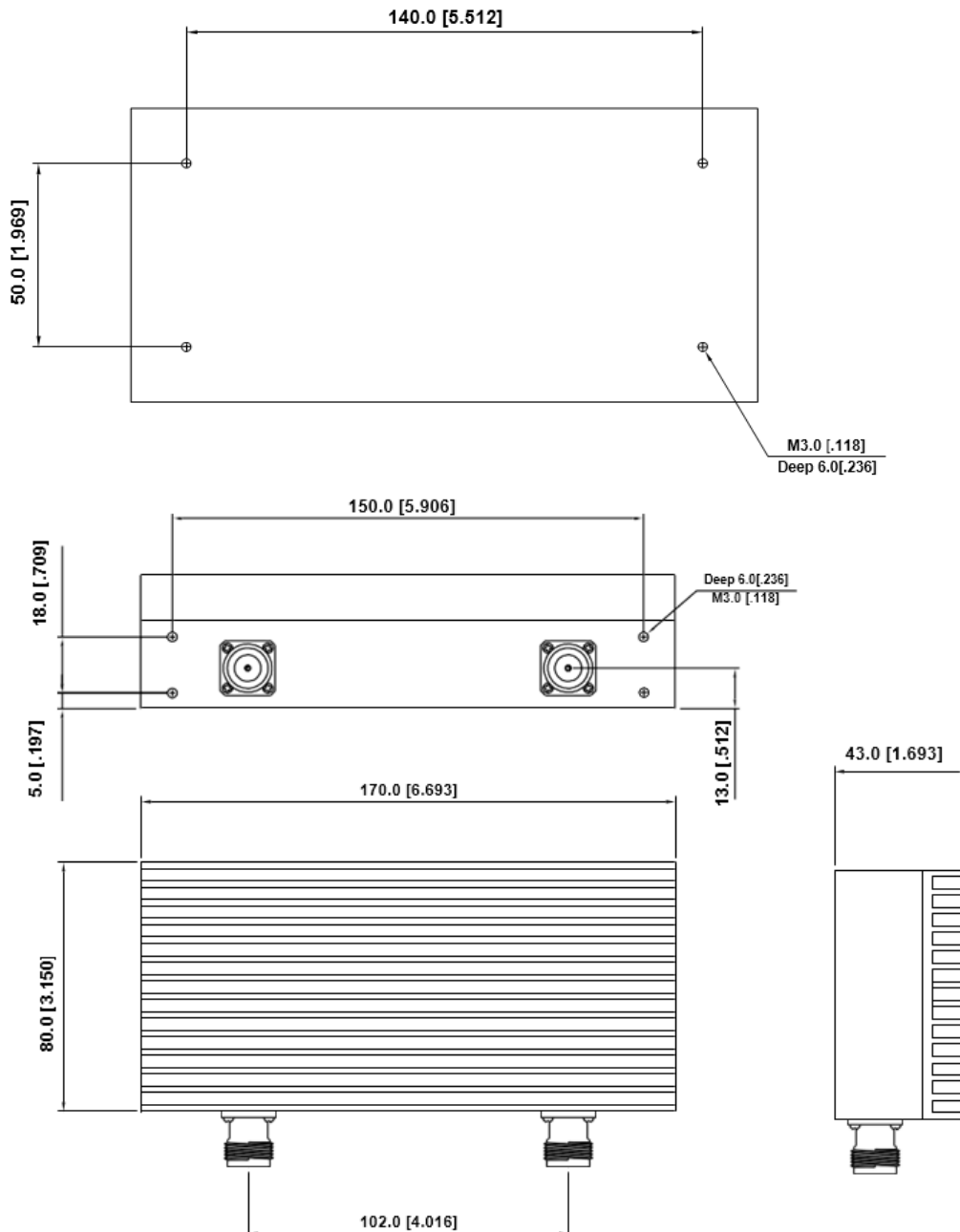


Figure 1 JX-CI1-146M174M-50N front panel layout

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2. Electrical specifications

Table 2 Electrical specifications

Item	Parameter	Specification
1	Frequency range	146-174MHz
2	VSWR(normal temp)	≤ 1.25
	VSWR(full temp)	≤ 1.3
3	Max insertion loss(normal temp)	≤ 1.5 dB
	Max insertion loss(full temp)	≤ 1.5 dB
4	Isolation(normal temp)	≥ 60 dB
	Isolation(full temp)	≥ 50 dB
5	Forward Power	150W
6	Reverse Power	50W
7	Temperature range	-10°C ~ +60°C

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