



OH2A101-8-12



Features

- Frequency Range: 4-8GHz, 8-12GHz
- Application areas: Quantum communication, deep space communication, physics research, satellite communication
- Operating temperatures: -197°C, -266°C, -270°C
- Stable indicators and low insertion loss

Description

The product named OH2A101 is high-performance A07 cryogenic circulator designed for operation in the 8-12GHz frequency range. It is ideal for advanced applications including quantum communication, deep space communication, physical research, and satellite communication systems. The device is specifically engineered to maintain stable technical indicators and low insertion loss in extreme cryogenic environments ranging from -197°C down to -270°C.



Technical Indicators

Part Number	Freq. (MHz)	Bandwidth	Insertion Loss (dB)	Isolation (dB)	Return Loss (dB)	Power (W)	Reverse Power (W)	Connector Type	L	W	H	Operating Temp (°C)
OH2A101	8-12	full	0.3	18.0	1.28	15.0	10.0	SMAK	21.0	21.9	13.2	-197/-266/270

Mechanical Outline

