



UNIVERSAL COOPERATE LTD.

Model UCL-ZJ-2150

3dB hybrids

1200 Watts 2000~2170MHz



3dB hybrids can get the continuous sampling from transmission power along with the certain direction of transmission line and split the input signal into two equal signals with 90° difference in phase. They are mainly used to combine different signals to enhance the signal utility.

UCL-ZJ-2150 3dB hybrid's average power 1200W , frequency range 2000MHz-2150MHz.

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: ≤1200W

TEMPERATURE RANGE:

Operating: -10°C~+50°C;

Non-operating: -40°C~+70°C

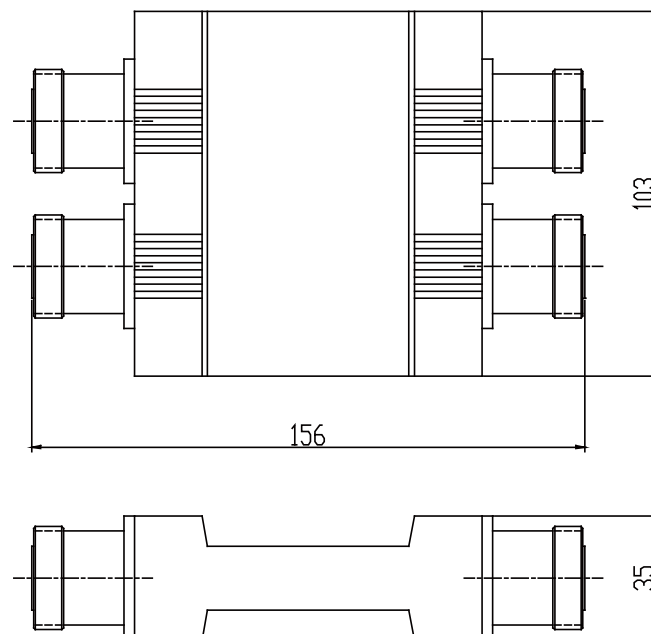
CONNECTOR TYPE: 7/16

WEIGHT: 0.99Kg

PHYSICAL DIMENSIONS: 156×103×35mm

Model Number	Frequency Range (MHz)	Amplitude Balance (dB)	Phase Balance (°)	Min Isolation (dB)	VSWR	Passband Ripple (dB)	Insertion Loss (dB)
UCL-ZJ-2150	2000-2150	3±0.35	±3°	≥20	≤1.25	±0.25	≤0.3

Outline Drawings



* Dimensions are given in mm and tolerance ±2%.

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