



DC-34GHz, 2 Way 3.5mm Resistive Power Divider

Rev 1

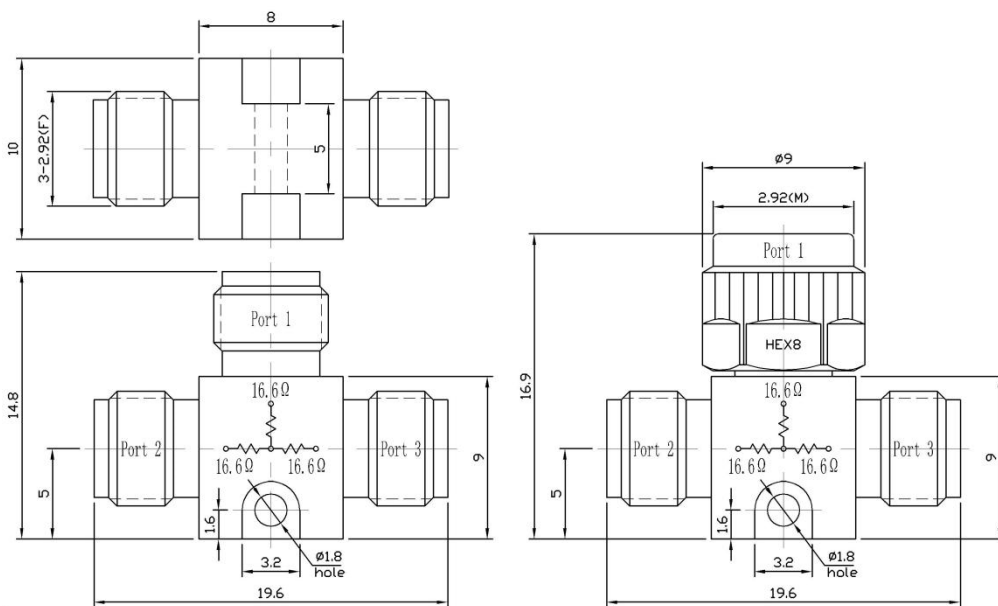
Electrical & Environmental

Impedance	50 ohm
Number of Output Ports	2 Way
Frequency Range	DC-34 GHz
Insertion Loss	6dB nominal 6.6dB max between input & one output arm
VSWR	≤ 1.2 (DC-18GHz), ≤ 1.3 (18-34GHz)
Amplitude Balance	$\leq \pm 0.2\text{dB}$ (DC-18GHz), $\leq \pm 0.4\text{dB}$ (18-34GHz)
Phase Balance	$\leq \pm 2^\circ$ (DC-18GHz), $\leq \pm 4^\circ$ (18-34GHz)
Input Avg Power	5 Watts max @25°C (Derate linearly to 0.5 Watts at 100°C)
Peak Power	200 Watts (5µsec pulse width, 2% duty cycle)
Operating Temperature	-40°C ~ +100°C

Mechanical

Input/Output Connectors	3.5mm Female Body: Stainless steel, Center contact: Gold plated BeCu
Housing	Stainless steel
Weight	7g

Dimensions(Unit: mm)



3.5mm male x3 ports and 3.5mm female/male mixed ports available