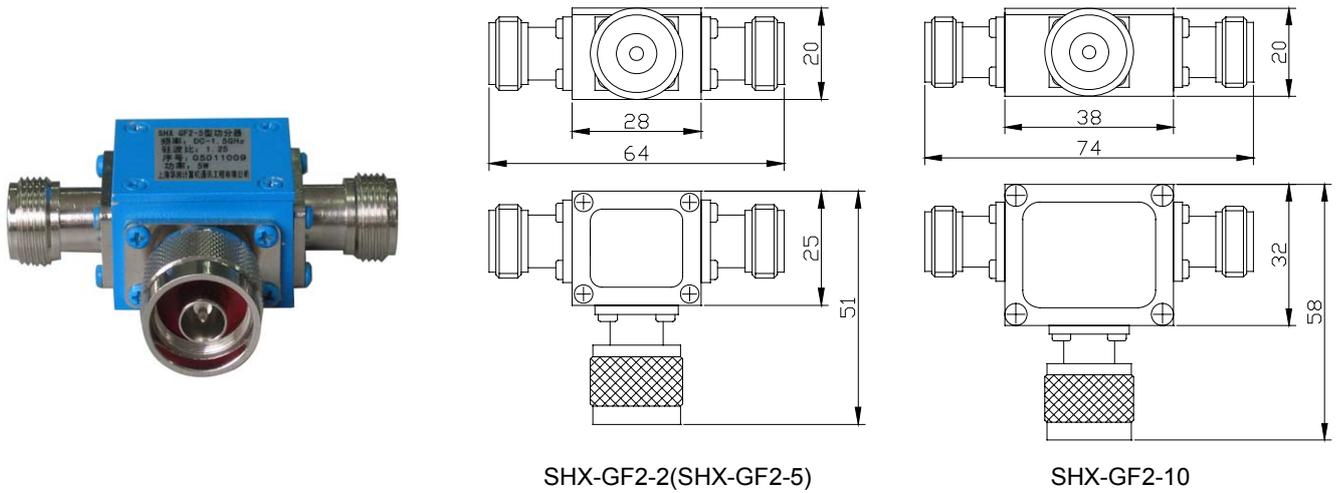


Model SHX-GF2 DC-2.5GHz 2,5,10 Watts



SHX-GF2-X serial two-way resistive power splitters are used in broad-band transmission and reflect coefficient test by separating signals in order to test and accurately distribute one signal to one couple of antennas, with lab measurements the measuring signals can be traced to reference signals, providing an output signal whose impedance is essentially matched to 50Ω in a leveling loop. The features include: small dimensions and light, high power resistance and high temperature. Two outputs are equal and their insertion-losses are the same as 6dB in whole frequency range.

MECHANICAL SPECIFICATIONS

Connectors	Male Pin	Female Pin	Housing	Temp Range	Dimensions	Weight
Brass Nickel Plated	Brass Gold Plated	Beryllium Copper Gold Plated	Aluminum, Anodic Oxidation	Operating: -10°C~+50°C Non-operating: -40°C~+70°C	2,5W:64×51×20mm 10W:74×58×20mm	2,5W:120g 10W:160g

RoHS Compliant: Yes

ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Max VSWR	Insertion Loss(dB)
SHX-GF2-2	DC-2.5	1.3	6±0.75
SHX-GF2-5	DC-1.5	1.25	6±0.5
SHX-GF2-10	DC-1	1.2	6±0.5

NOMINAL IMPEDANCE: 50Ω

AVERAGE POWER: 2W, 5W, 10W

CONNECTOR TYPE: N, SMA, BNC

Notes:

1. Dimensions Tolerance ±2%
2. Dimensions and specifications refer to connector type N unless otherwise specified