



Power Divider

GHPC3N-0.8-2.5G

Applications

- . Wireless Infrastructures
- . Defence Applications
- . Power Combining
- . PCS, GSM, LTE, Cellular
- . Amplifier Systems
- . Communications Systems
- . Amplifier Power Combining

Description

GHPC3N-0.8-2.5G is a passive 3-way broadband RF combiner that operates at a minimum frequency of 0.8 GHz and a maximum frequency of 2.5 GHz. Our high-power Coaxial Connectorized combiner has a maximum input-output VSWR of 1.30:1 along with a maximum power handling capacity of 50 Watts. This 3-way RF power combiner is stocked to be readily available for same business day shipment.

The high-power 3-way broadband RF combiner has a minimum isolation of 18 dB and a maximum insertion loss of 0.65 dB. Our Female Coaxial radio frequency combiner has a typical amplitude balance of 0.4 dB.

This **GHPC3N-0.8-2.5G** broadband radio frequency power combiner from Goghel has an impedance of 50 Ohms. Our Coaxial Connectorized combiner can operate at temperatures ranging from -25 to +65°C.

Our Coaxial combiner has an N Female input and N Female output connectors. Additional radio frequency combiner specs and dimensions for this component can be found on its PDF specification datasheet and CAD drawings. For further information on similar products, our expert technical support and trained sales team can get you the ideal RF power combiner as per your requirements.

Electrical Specifications

Model	GHPC3N-0.8-2.5G
NO.of Ways	3
Frequency Range (GHz)	0.8 ~ 2.5
Insertion Loss (dB)	≤0.6(0.8~2.45GHz) ≤0.65(2.45~2.5GHz)
Isolation(dB)	≥ 20 (0.8~2.45GHz) ≥ 18 (2.45~2.5GHz)
VSWR	≤ 1.30:1
Amplitude Balance(dB)	≤ ±0.4
Power Handling(Watt)	Forward Power:≤50 (CW)
Operating Temperature(°C)	-25 ~ +65
Impedance	50Ω
Port Connectors	N-Female
Surface Color	Black Paint (Options)
Outline Drawing	As Below

