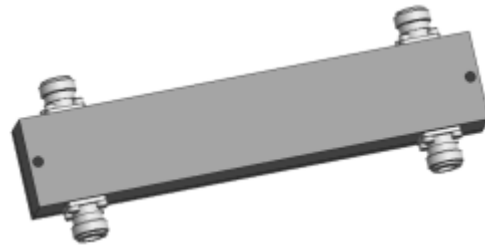


3dB Hybrid Coupler/Combiner
 300-960MHz, N Connectors, 23dB Isolation, Minimum

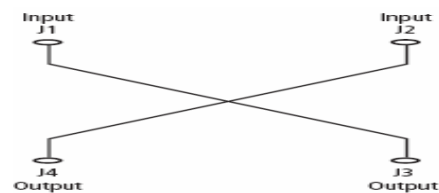
- 120Watt Average Power Rating
- 23dB Isolation, Min
- Minimal RF Insertion Loss
- High Reliability
- Low Passive Intermodulation (PIM)
- Environment IP65
- N Female Connectors



The BXH series of 3dB Hybrid Couplers is designed to meet the special requirement of wireless market. It can combine two channels from different service supplier to a single antenna or distribution cable. This requires the termination of one output port in the 50 ohm and results in a 3dB loss in each signal. In situations where two similar feeds are required, for example an in-building application, both outputs may be used, eliminating the need for a termination and the 3dB loss. All of them are conformance to IP65 specification.

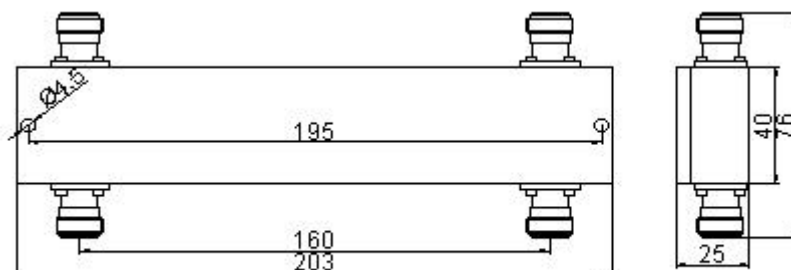
This device allows use with antennas and leaky cable systems and wireless base stations.

VSWR:	1.2:1 Max. All Ports
Coupling:	3.1dB, +/-0.2dB
Frequency Sensitivity	±0.3dB
PIM, Passive IM:	-140dBc, 2x43dBm
Impedance:	50 ohm, nominal
Temperature Range, C	-25° to +75°
Environment:	IP65, RoHS compliant
Housing:	Passivated Aluminum or powder paint
Connectors:	N (f), tri-plate
DC capability:	DC transmission only between cross ports



PN.	Frequency Range, MHz	Input Isolation dB Min.	Insertion Loss dB Max.	Power Rating W Avg.	Weight g.
BXH-3-NFT	300~960	23	0.2	120	610

Dimensions, mm



BXH-3-NFT

All Specifications are subject to change without prior notice

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