

Multi-Band Hybrid Coupler/Combiner
 1710-2200MHz, N & 7/16 Din-Connectors, 30dB Isolation, Minimum

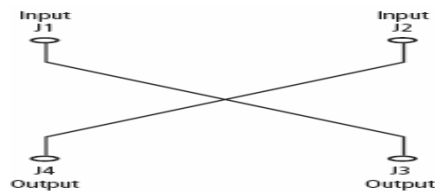


- 200Watt Average Power Rating
- 30dB Isolation, Min
- Minimal RF Insertion Loss
- High Reliability
- Indoor Application
- N & 7/16 Din Female Connectors



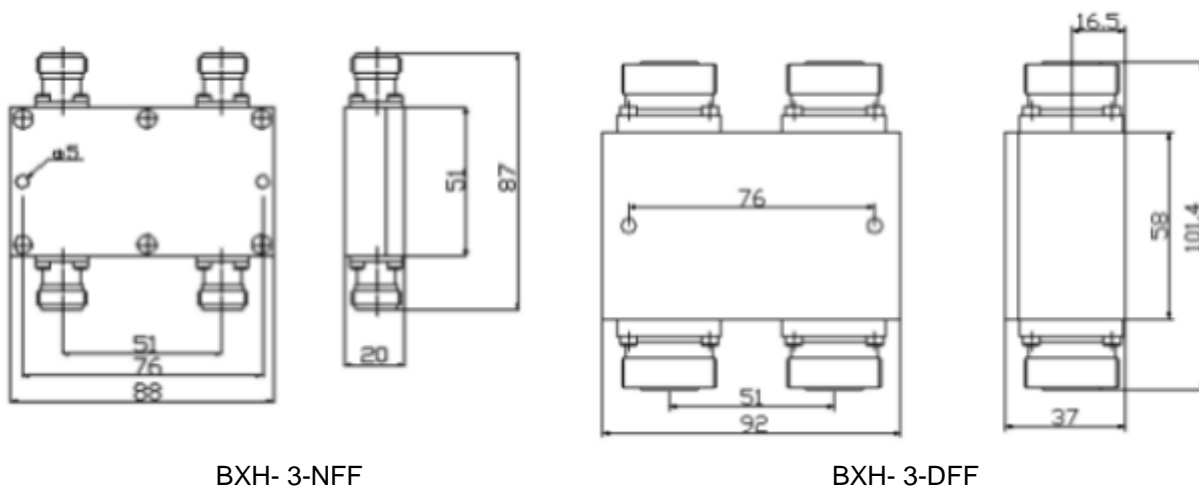
The BXH series of 3dB Hybrid Couplers is designed to meet the special requirement of wireless market. It can combine two channels from different service supplier to a single antenna or distribution cable. This requires the termination of one output port in the 50 ohm and results in a 3dB loss in each 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.

VSWR: 1.15:1 Max. All Ports
 Coupling: 3.1dB, nominal
 Coupling Variation: ± 0.3 dB
 Impedance: 50 ohm, nominal
 Temperature Range, C: -25° to $+75^{\circ}$
 Environment: Indoor Application
 Housing: Passivated Aluminum or powder paint
 Connectors: N (f), 7/16 Din 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-NFF	1710~2200	30	0.2	200	300
BXH-3-DFF	1710~2200	30	0.2	200	790

Dimensions, mm



All Specifications are subject to change without prior notice