Multi-Band Hybrid Coupler/Combiner
800-2500MHz, N & 7/16 Din-Connectors, 25dB Isolation, Minimum

- Multiple-Band Frequency Range, Cellular, PCS, UMTS
- 120Watt Average Power Rating
- 25dB Isolation, Min
- Minimal RF Insertion Loss
- High Reliability
- Low Passive Intermodulation (PIM)
- Environment IP65
- 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. All of them are conformance to IP65 specification.

The ultra wide frequency range allows use with multi-band antennas and leaky cable systems and wireless base stations.

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<tbody>
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<td>BXH-3-NF</td>
<td>800~2500</td>
<td>25</td>
<td>0.25</td>
<td>120</td>
<td>420</td>
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Dimensions, mm

All Specifications are subject to change without prior notice