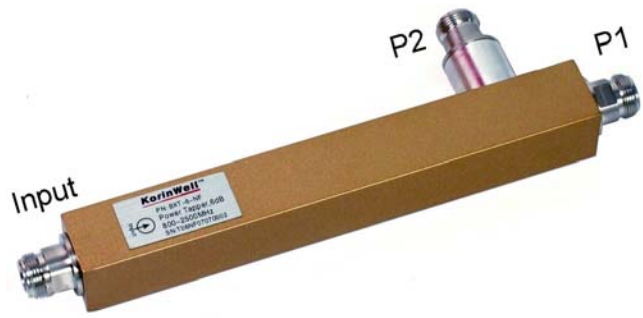


Multi-Band Low Loss Power Tappers
Unequal Power Splitters, 800-2500MHz, N-Connectors



- **Multiple-Band Frequency Range, Cellular, PCS, UMTS**
- **200Watt Average Power Rating**
- **Minimal RF Insertion Loss**
- **High Reliability**
- **Low Passive Intermodulation (PIM)**
- **Environment IP65**
- **N Female Connectors**



The BXT series of power tappers unevenly split high power cellular signals from 5dB to 50dB with minimal reflections or loss over the whole 800-2500MHz band. Designed with only screw joint and an air dielectric, the PIM and loss is minimized and reliability enhanced. All of them are conformance to IP65 specification. Its mechanical shape allows to be fixed on the wall or the pole easily.

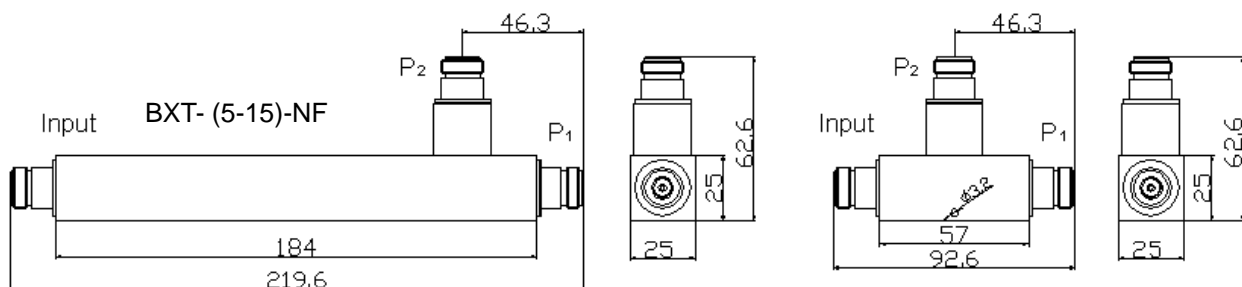
The ultra wide frequency range allows use with multi-band antennas and leaky cable systems and wireless base stations.

Power Rating:	200W, avg. 1.5KW peak
PIM, Passive IM:	-150dBc, 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 input and port P1
 P2 is coupled capacitive.

PN.	Frequency Range, MHz	Tap Loss, dB Input↔P2	Tap Loss, dB Input↔P1	VSWR Max.	Weight g.
BXT-5-NF	800~2500	-5±0.8	-1.65±0.5	1.35:1	370
BXT-6-NF	800~2500	-6±0.8	-1.26±0.4	1.35:1	370
BXT-7-NF	800~2500	-7±0.8	-1±0.3	1.35:1	370
BXT-10-NF	800~2500	-10±1.0	-0.46±0.3	1.35:1	370
BXT-15-NF	800~2500	-15±1.2	-0.2±0.2	1.35:1	370
BXT-20-NF	800~2500	-20±1.5	-0.1±0.1	1.15:1	180
BXT-25-NF	800~2500	-25±1.5	-0.1±0.1	1.15:1	180
BXT-30-NF	800~2500	-30±1.5	-0.1±0.1	1.15:1	180
BXT-40-NF	800~2500	-40±1.5	-0.1±0.1	1.15:1	180
BXT-50-NF	800~2500	-50±1.5	-0.1±0.1	1.15:1	180

Dimensions, mm



All Specifications are subject to change without prior notice

BXT- (20-50)-NF