

Directional Couplers, Low-Loss Stripline Coupler
300-960MHZ, 6-30dB N-Connectors



- 200Watt Average Main Line Power
- Minimal RF Insertion Loss
- High Reliability
- Low Passive Intermodulation (PIM)
- Environment IP65
- N Female Connectors



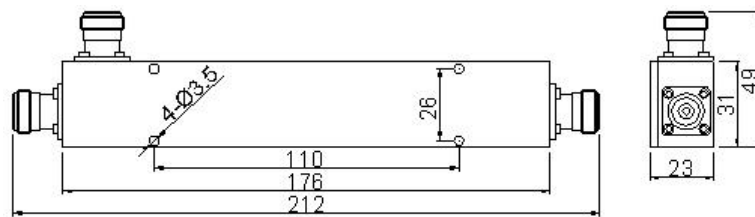
The BXDC series of Directional Couplers is a stripline design for indoor/outdoor applications. Units couple off a defined fraction of signal with minimal reflections or loss. All of them are conformance to IP65 specification. Its mechanical shape allows to be fixed on the wall or the pole easily.

These devices allow use with antennas and leaky cable systems and wireless base stations.

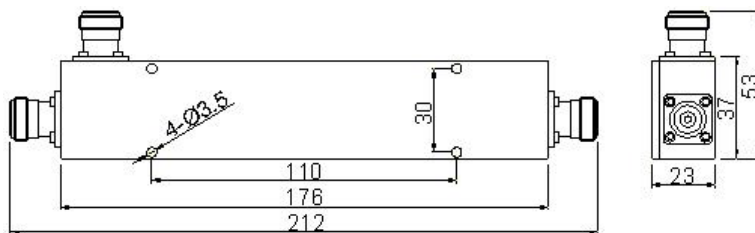
VSWR: 1.20:1 Max., All Ports
 Power Rating: 200W, avg.; 1.5KW peak
 PIM, Passive IM: -140dBc, 2x43dBm
 Impedance: 50 ohm, nominal
 Temperature Range, C: -25° to +75°
 Environment: IP65, RoHS compliant
 Housing: Passivated Aluminum or powder paint
 Connectors: N (f), tri-plate
 DC capability: DC transmission only between input and output

PN.	Frequency Band, MHz	Coupling dB	Mainline Loss dB Max.	INS Loss dB Max.	Output Isolation	Reflected Power Watts Max.	Weight g
BXDC-6-NFT	300~960	-6±1.0	1.7	0.25	26dB, Typical	40	400
BXDC-10-NFT	300~960	-10±1.0	0.8	0.25	30dB, Typical	100	400
BXDC-15-NFT	300~960	-15±1.0	0.6	0.20	30dB, Typical	200	400
BXDC-20-NFT	300~960	-20±1.0	0.5	0.20	30dB, Typical	200	400
BXDC-30-NFT	300~960	-30±1.0	0.4	0.20	30dB, Typical	200	440

Dimensions, mm



BXDC-xx-NFT xx= 6,10,15,20



BXDC-30-NFT

All Specifications are subject to change without prior notice

KorinWell Electronics, Inc, 1-111, 52 MUXUYUAN Road, NANJING, 210007 CHINA
 TEL: +86 25 8485 2620 FAX: +86 25 8485 2630 www.korinwell.com sales@korinwell.com