

DIRECTIONAL COUPLER

Directional Coupler (N-F, DIN-F, 4.3-10)



Electrical & Mechanical Specifications:

Model Number	MNDC-727-05/06	MNDC-727-07/08	MNDC-727-10	MNDC-727-13/15	MNDC-727-20	MNDC-727-30
Frequency (MHz)	698-2700; 380-2700; 700-3800; 698-4000; 380-6000					
Insertion Loss(dB)	$\cong 2.0/\cong 1.75$	$\cong 1.45/\cong 1.30$	$\cong 0.8$	$\cong 0.8/\cong 0.5$	$\cong 0.4$	$\cong 0.4$
Coupling(dB)	5/6	7/8	10	13/15	20	30
Accuracy(dB)	$\pm 0.8/\pm 0.8$	$\pm 0.8/\pm 0.8$	± 1.0	$\pm 1.0/\pm 1.0$	± 1.2	± 1.5
Isolation(dB)	$\cong 25/\cong 26$	$\cong 27/\cong 28$	$\cong 28$	$\cong 31/\cong 32$	$\cong 35$	$\cong 45$
VSWR	$\cong 1.25$ (N); $\cong 1.30$ (DIN & 4.3-10)					
PIM	≤ -150 or ≤ -160					
Power(W)	300 (N & 4.3-10); 500 (DIN)					
Impedance(ohm)	50					
RF Connector	N-female; DIN-female; 4.3/10					
Color	Black or Light Grey					
Temperature	$-20\sim+70$					
Application	Indoor/Outdoor, IP65					
Weight(kg, N-type)	0.60					
Dimensions(mm)	126x45x18.5					

VHF/UHF Directional Coupler (400-430MHz, 136-174MHz)



Model No.	YC-VU-06	YC-VU-10	YC-VU-15	YC-VU-20	YC-VU-30
Freq (MHz)	400-430, 136-174;350-520				
Insertion Loss(dB)	$\cong 2.0$	$\cong 0.8$	$\cong 0.5$	$\cong 0.4$	$\cong 0.4$
Coupling	6	10	15	20	30
Accuracy	± 0.8	± 1.0	± 1.0	± 1.2	± 1.5
Isolation	$\cong 26$	$\cong 30$	$\cong 35$	$\cong 40$	$\cong 50$
VSWR	$\cong 1.25$				
Impedance	50				
Power	200				
Connector	N-female				
Weight (N)	0.24				
Color	Black or Light Grey				
Dimension	179x37x19mm				