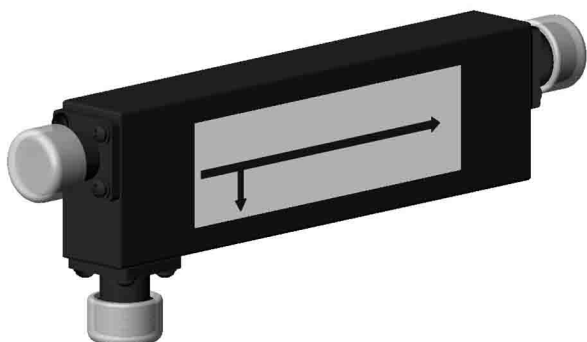


COUCB-XXC-NFA

LOW POWER CAVITY COUPLERS
800MHz ~ 2500MHz
N Type Female Connectors

PRODUCT IMAGE



ELECTRICAL SPECIFICATIONS

Frequency	800MHz ~ 2500MHz		
Model	Coupling Loss	Insertion Loss	Isolation
5dB Coupler	5.0dB ± 0.6dB	2.30dB	≤-22dB
7dB Coupler	7.0dB ± 0.8dB	1.50dB	≤-25dB
10dB Coupler	10.0dB ± 1.0dB	1.00dB	≤-26dB
13dB Coupler	13.0dB ± 1.0dB	0.80dB	≤-27dB
15dB Coupler	15.0dB ± 1.0dB	0.60dB	≤-29dB
20dB Coupler	20.0dB ± 1.2dB	0.50dB	≤-33dB
25dB Coupler	25.0dB ± 1.3dB	0.40dB	≤-35dB
30dB Coupler	30.0dB ± 1.3dB	0.40dB	≤-36dB
VSWR	≤1.2		
Impedance	50Ω		
Passive Intermodulation	≤-140dBc (2 x +43dB Carriers)		
Maximum Input Power	50Watts		
Connectors	N Type Female		

MECHANICAL SPECIFICATIONS

Weight	0.450kg
Dimensions (H x W x D)	155mm x 43mm x 16.5mm
Coupler Material	Aluminium with Internal Silver Plating
Connector Material	Brass with Silver Plating
Mounting Bracket	15mm Raised Mount

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40°C to +85°C
IP Rating	IP68

ENERSUS RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT PRIOR NOTICE

EDITION: 07-02

ORDERING INFORMATION

COUCB-05C-NFA	5dB Cavity Coupler
COUCB-07C-NFA	7dB Cavity Coupler
COUCB-10C-NFA	10dB Cavity Coupler
COUCB-13C-NFA	13dB Cavity Coupler
COUCB-15C-NFA	15dB Cavity Coupler
COUCB-20C-NFA	20dB Cavity Coupler
COUCB-25C-NFA	25dB Cavity Coupler
COUCB-30C-NFA	30dB Cavity Coupler