



COUCB-xxC-yFA-3IM

AIR TYPE DIRECTIONAL COUPLER
N, DIN, 4.3-10 Type Connectors / PIM Compliant

698 MHz - 2700 MHz

PRODUCT IMAGE (DIN connectors)



ELECTRICAL SPECIFICATIONS

Frequency	698MHz ~ 2700MHz						
Coupling Value (dB)	4.8	6.0	8.0	10	13	15	20
Insertion Loss (dB)	2.5	1.5	1.1	0.7	0.5	0.4	0.2
Reflected Power (W), max	30	40	70	100	200	200	200
Coupling Accuracy	±1.0 dB						
Directivity	<-20 dB						
Return Loss	>20.8 dB						
VSWR	1.2:1						
Impedance	50 Ω						
PIM (@2 x 20W)	≤-150 dBc (N-type), ≤-155 dBc (DIN, 4.3-10 type)						
Peak Power, max.	1 kW						
Average Power, max.	200 W						
Connectors	DIN / N-type / 4.3-10						

MECHANICAL SPECIFICATIONS

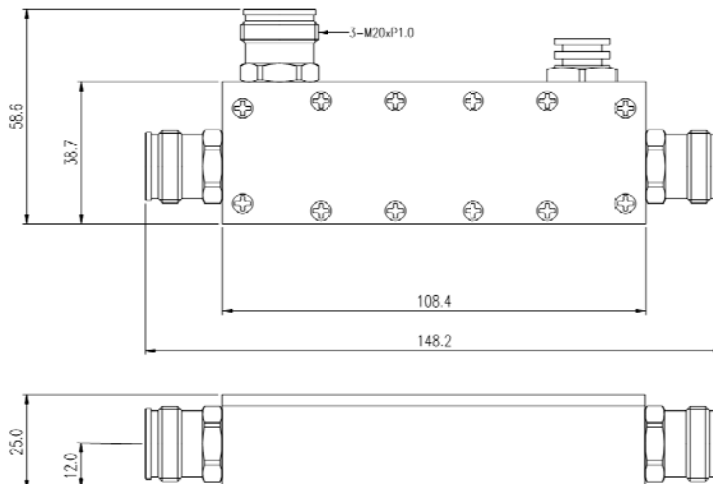
Dimensions (H x W x D)	148mm x 58mm x 39mm
Coupler Material	Aluminum with Internal Silver Plating
Connector Material	Brass with Silver Plating
Mounting Bracket	20mm Raised Stainless Steel Mount

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-35°C to +85°C
IP Rating	IP65

SYSKIM RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT PRIOR NOTICE REV.1

Coupler with 4.3-10 connectors shown below



ORDERING INFORMATION

COUCB - **xxC** - **yFA**-3IM

Coupler Type

- 05 - 4.8 dB
- 06 - 6 dB
- 08 - 8 dB
- 10 - 10 dB
- 13 - 13 dB
- 15 - 15 dB
- 20 - 20 dB

Connector Type

- D - DIN Female Connectors
- N - N Female Connectors
- 43 - 4.3-10 Female Connectors