Mob: +91 7217885948 www.rfconnector.in pradeeep@rfconnector.in

Directional Coupler 600-4200MHz

951XXAX3

- *Wide-band design, cover 600-4200MHz*
- *Low PIM*
- *Compact size and light weight*
- *Easy to be installed*
- *Suitable for indoor and outdoor applications*
- *Connector Type , Twisthead*

Technical Data

Electrical Specifications

Product No.	***N Female***	**95105A43**	**95106A43**	**95107A43**	**95108A43**	**95110A43**	**95113A43**
	4.3-10 Female	**95105A53**	**95106A53**	**95107A53**	**95108A53**	**95110A53**	**95113A53**
	DIN Female	**95105A63**	**95106A63**	**95107A63**	**95108A63**	**95110A63**	**95113A63**
Coupling Value (dB)		*5*	*6*	*7*	*8*	*10*	*13*
Coupling Tolerance (dB)		*±1.0*	*±1.0*	*±1.0*	*±1.2*	*±1.2*	*±1.3*
Insertion Loss (dB)		*≤2.4*	*≤1.8*	*≤1.6*	*≤1.2*	*≤0.8*	*≤0.5*
Isolation (dB)		*≥23*	*≥24*	*≥25*	*≥26*	*≥27*	*≥30*
Product No.	***N Female***	**95115A43**	**95120A43**	**95130A43**	**95140A43**		
	4.3-10 Female	**95115A53**	**95120A53**	**95130A53**	**95140A53**		
	DIN Female	**95115A63**	**95120A63**	**95130A63**	**95140A63**		
Coupling Value (dB)		*15*	*20*	*30*	*40*		
Coupling Tolerance (dB)		*±1.3*	*±1.5*	*±1.5*	*±2.0*		
Insertion Loss (dB)		*≤0.4*	*≤0.3*	*≤0.3*	*≤0.3*		
Isolation (dB)		*≥31*	*≥36*	*≥45*	*≥50*		
Frequency Range (MHz)		*600-4200*					
Return Loss (dB)/VSWR		*≤-19/1.25:1*					
PIM3 (@2x43 dBm Carrier) (dBc)		*≤-150*					
Input Power (W)		*300*					
Peak Power(W		*800*					
Impedance (Ω)		*50*					

Mechanical Specifications

Dimensions,HxWxD(excluding connectors and mounting bracket)(mm)	*121.2x41x25(5-30dB),121.2x44x25(40dB)*
Weight (including connectors and mounting bracket) (kg)	*0.3(N)/0.34(4.3-10)/0.38(DIN)*
Color	*Light Gray(Customizable)*
Mounting	*Wall Mounted*

Environmental Specifications

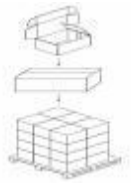
Operational Temperature (°C)	*-25 to +65*
Operational Humidity (%)	*≤95*
Ingress Protection Class	*IP65(Indoor and Outdoor)*
ROHS	*Compliant*

Accessories

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-
-
-

Packaging information

Item	*Specifications*	*Pcs*	*Inner box*	*Outer box*	*Qty*	*Weight(kg)*
Inner box	*185x75x40*	*1*	*-*	*-*	*1*	*0.33(N)/0.37(4.3-10)/0.41(DIN)*
Outer box	*395x340x205*	*1*	*40*	*-*	*40*	*13.9(N)/15.5(4.3-10)/17.1(DIN)*
Transport	*1200x800x1780*	*1*	*-*	*48*	*1920*	*683(N)/759(4.3-10)/836(DIN)*



Plot no. 845, DSIIDC Industrial Area KHASRA NO. 33/23 (0-7) & 37/4 (0-10)Gali no. 6, near Harnandi dharam kanta Mundka Industrial Area, New Delhi, Delhi, 110041