

Directional Coupler

951XX0X7

Hlinks

- *Wide-band design, cover 340-3800MHz*
- *Low PIM*
- *Compact size and light weight*
- *Easy to be installed*
- *Suitable for indoor and outdoor applications*
- *Connector Type: Twist head*



Technical Data

Electrical Specifications

Type No.	N Female	95105077	95106077	95107077	95108077	95110077
	4.3-10 Female	95105097	95106097	95107097	95108097	95110097
	7-16 Female	95105107	95106107	95107107	95108107	95110107
Coupling Value (dB)		5	6	7	8	10
Coupling Tolerance (dB)		±1.0	±1.0	±1.0	±1.2	±1.2
Insertion Loss (dB)		< 2.4	< 1.8	< 1.6	< 1.2	< 0.9
Isolation (dB)		> 25	> 26	> 27	> 28	> 30
Type No.	N Female	95113077	95115077	95120077	95130077	
	4.3-10 Female	95113097	95115097	95120097	95130097	
	7-16 Female	95113107	95115107	95120107	95130107	
Coupling Value (dB)		13	15	20	30	
Coupling Tolerance (dB)		±1.3	±1.3	±1.3	±1.4	
Insertion Loss (dB)		< 0.5	< 0.45	< 0.35	< 0.35	
Isolation (dB)		> 33	> 35	> 40	> 50	
Frequency Range (MHz)		340-3800				
Return Loss (dB)		≥19				
PIM Test Bands		900M/1800M/2100M/2600M				
PIM3 (@2x43 dBm Carrier) (dBc)		< -160				
Input Power (W)		< 300 (N&4.3-10 Female), < 500 (7-16 Female)				
Peak Power (W)		< 800 (N Female), < 1500 (4.3-10 Female), < 2000 (7-16 Female)				
Impedance (Ω)		50				

Mechanical Specifications

Dimensions, HxWxD (excluding connectors and mounting bracket) (mm)	5-8dB :199.7x44x28 10-20dB :201x42.5x27.6
Weight (including connectors and mounting bracket) (kg)	0.80(N&4.3-10 Female) 1.0(7-16 Female)
Packing Size(mm)	260x75x40(40Pcs/box)
Color	Light Gray (Customized)
Coupling Nut Proof Torque	≤4.5N.m
Mounting	Wall Mounted

Environmental Specifications

Operational Temperature (°C)	-35 to +85
Operational Humidity (%)	≤95
Ingress Protection Class	IP65 (Indoor and Outdoor)

Accessories (order separately)

Type No.	Description
30505.0008155	Bracket
50503.2506100	Screw

Outline Drawing

