

Directional Coupler

951XX8X7



- *Wide-band design, cover 698-4000MHz*
- *Low PIM < -160 dBc*
- *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	95105817	95106817	95107817	95108817	95110817
	4.3-10 Female	95105837	95106837	95107837	95108837	95110837
Coupling Value (dB)		5	6	7	8	10
Coupling Tolerance (dB)		±0.8	±0.8	±0.8	±0.8	±1.0
Insertion Loss (dB)		< 2.15	< 1.76	< 1.47	< 1.15	< 0.96
Isolation (dB)		> 23	> 24	> 25	> 26	> 28
Type No.	N Female	95113817	95115817	95120817		
	4.3-10 Female	95113837	95115837	95120837		
	7/16 Female				95130857	95140857
Coupling Value (dB)		13	15	20	30	40
Coupling Tolerance (dB)		±1.0	±1.0	±1.0	±1.5	±1.5
Insertion Loss (dB)		< 0.6	< 0.44	< 0.34	< 0.3	< 0.3
Isolation (dB)		> 31	> 33	> 38	> 48	> 55
Frequency Range (MHz)		698-4000				
Return Loss (dB)		≥19				
PIM3 (@2x43 dBm Carrier) (dBc)		< -160				
Input Power (W)		< 300(N Female&4.3-10), < 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)	126.4x45.4x25
Weight (including connectors and mounting bracket) (kg)	0.53(N Female) 0.54(4.3-10 Female) 0.56(7-16 Female)
Packing Size(mm)	180x100x55(40Pcs/box)
Color	Light Gray (Customized)
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

