

Directional Coupler

951XX7X7

HILINKS

- *Wide-band design, cover 550-4000MHz*
- *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	95105707	95106707	95107707	95108707	95110707	95113707
	7-16 Female	95105727	95106727	95107727	95108727	95110727	95113727
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
Directivity (dB)		≥20@550-2700, ≥18@2700-4000					
Type No.	N Female	95115707	95120707	95130707			
	7-16 Female	95115727	95120727	95130727			
	4.3-10 Female				95140717		
Coupling Value (dB)		15	20	30	40		
Coupling Tolerance (dB)		±1.3	±1.5	±1.5	±1.5		
Insertion Loss (dB)		< 0.4	< 0.3	< 0.3	< 0.3		
Directivity (dB)		≥20@550-2700, ≥18@2700-4000					
Frequency Range (MHz)		550-4000					
Return Loss (dB)		≥21@550-2700, ≥19@2700-4000					
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)	134x47.3x26
Weight (including connectors and mounting bracket) (kg)	0.39 (N Female) 0.45 (4.3-10 Female) 0.78 (7-16 Female)
Packing Size(mm)	250x95x45(30Pcs/box)
Color	Light Gray (Customized)
Mounting	Wall Mounted

Environmental Specifications

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

Accessories (order separately)

Type No.	Description
30505.0008155	Bracket
50503.2506100	Screw

Outline Drawing

