

- **Wide-band design, cover 340-4000&5100-6000MHz**
- **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	95205087V30	95206087V30	95207087V30	95208087V30	95209087V30
	4.3-10 Female	95205107V30	95206107V30	95207107V30	95208107V30	95209107V30
	7-16 Female	95205127V30	95206127V30	95207127V30	95208127V30	95209127V30
Ratio, nom (dB, Btwn Outputs)		2:1/3	3:1/4.8	4:1/6.0	6:1/8.0	7:1/8.5
Output Split(dB)	IN→OUT/IN→ Coup	-1.8 / -4.8	-1.3 / -6.1	-1.0 / -7.0	-0.7 / -8.6	-0.6 / -9.0
Insertion Loss (dB, IN→ Out)	340-520 MHz	≤1.8	≤1.1	≤0.9	≤0.8	≤0.8
	698-960 MHz	≤2.1	≤1.6	≤1.3	≤0.9	≤0.9
	1710-4000 MHz	≤2.1	≤1.6	≤1.3	≤0.9	≤0.9
	5100-6000 MHz	≤1.7	≤1.7	≤0.9	≤0.7	≤0.7
Coupling Tolerance (dB, IN→ Coup)	340-520 MHz	±1.5	±1.5	±1.5	±1.5	±1.5
	698-960 MHz	±1.3	±1.3	±1.3	±1.3	±1.3
	1710-4000 MHz	±1.0	±1.0	±1.0	±1.0	±1.0
	5100-6000 MHz	±1.3	±1.3	±1.3	±1.3	±1.3
Return Loss(dB)/VSWR		≤-14/1.5:1	≤-15.6/1.4:1	≤-18/1.3:1	≤-18/1.3:1	≤-18/1.3:1
Type No.	N Female	95210087V30	95213087V30	95215087V30	95220087V30	95230087V30
	4.3-10 Female	95210107V30	95213107V30	95215107V30	95220107V30	95230107V30
	7-16 Female	95210127V30	95213127V30	95215127V30	95220127V30	95230127V30
Ratio, nom (dB, Btwn Outputs)		10:1/10	20:1/13	30:1/15	100:1/20	1000:1/30
Output Split(dB)	IN→OUT/IN→ Coup	-0.4 / -10.4	-0.2 / -13.2	-0.1 / -15.1	-0.1 / -20.1	-0.1 / -30.1
Insertion Loss (dB, IN→ Out)	340-520 MHz	≤0.6	≤0.3	≤0.2	≤0.1	≤0.1
	698-960 MHz	≤0.7	≤0.3	≤0.2	≤0.1	≤0.1
	1710-4000 MHz	≤0.6	≤0.3	≤0.2	≤0.1	≤0.1
	5100-6000 MHz	≤0.4	≤0.2	≤0.2	≤0.2	≤0.2
Coupling Tolerance (dB, IN→ Coup)	340-520 MHz	±1.5	±2.0	±2.0	±2.0	±2.0
	698-960 MHz	±1.3	±1.8	±1.8	±1.8	±1.8
	1710-4000 MHz	±1.0	±1.5	±1.5	±1.5	±1.5
	5100-6000 MHz	±1.3	±1.8	±1.8	±1.8	±1.8
Return Loss(dB)		≤-18/1.3:1	≤-18/1.3:1	≤-18/1.3:1	≤-18/1.3:1	≤-18/1.3:1
Frequency Range (MHz)		340-4000&5100-6000				
PIM3 (@2x43 dBm Carrier) (dBc)		≤-160@900、1800、2100、2600Bands				
Input Power (W)		≤250(N Female), ≤300(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)	65.5x25x25/4.8-20.1dB	34.1x25x25/30.1dB
Weight (including connectors and mounting bracket) (kg)	0.22(N Female) 0.26(4.3-10 Female) 0.34(7-16 Female)	0.12(N Female) 0.15(4.3-10 Female) 0.27(7-16 Female)
Packing Size(mm)	135x70x55(30Pcs/box)	
Color	Light Gray (Customized)	
Mounting	Wall Mounting	
Environmental Specifications		
Operational Temperature (°C)	-40 to +65	
Operational Humidity (%)	≤95	
Ingress Protection Class	IP66 (Indoor and Outdoor)	
Accessories (order separately)		
Type No.	Description	
50403.0200955	Bracket	
50503.0306100	Screw	

Outline drawing

