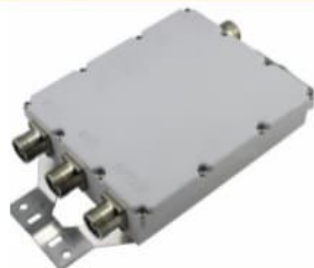


RF COMBINER (TRI-BAND & FOUR-BAND)

**Tri-band Combiner
(MNC-T-00A1-DF)**



**Four-band Combiner
(MNC-T-00A2-DF)**



**Tri-band Combiner
(MNC-F-00A3-DF)**



Electrical & Mechanical Specifications:

Model Number	MNC-T-00A1-DF			MNC-F-00A2-DF				MNC-F-00A3-DF		
Freq(MHz)	380-960	1710-1880	1920-2700	380-960	1710-1880	1920-2170	2500-2690	698-2170	2300-2400	2500-2700
Insertion Loss (dB)	≅ 0.3	≅ 0.4	≅ 0.4	≅ 0.3	≅ 0.3	≅ 0.3	≅ 0.3	≅ 0.6	≅ 0.35	≅ 0.35
Isolation (dB)	≅ 50	≅ 50	≅ 50	≅ 50	≅ 50	≅ 50	≅ 50	≅ 50	≅ 50	≅ 50
VSWR	≅ 1.3	≅ 1.3	≅ 1.3	≅ 1.3	≅ 1.3	≅ 1.3	≅ 1.3	≅ 1.3	≅ 1.3	≅ 1.3
Input Power (W)	300			300				300		
Impedance (ohm)	50			50				50		
PIM3 (dBc@2*43dBm)	≅ -150, ≅ -155, ≅ -160			≅ -150, ≅ -155, ≅ -160				≅ -150, ≅ -155, ≅ -160		
Lightning Protection	IEC 61000-4-5; 5kA, 10/350us			IEC 61000-4-5; 5kA, 10/350us				IEC 61000-4-5; 3kA, 10/350us		
DC-by pass	available			available				available		
Connector	N-F, DIN-F, 4.3-10			N-F, DIN-F, 4.3-10				N-F, DIN-F, 4.3-10		
Color	Black			Grey				Grey		
Application	Indoor/Outdoor, IP65/IP67			Indoor/Outdoor, IP65/IP67				Indoor/Outdoor, IP65/IP67		
Working Temperature (deg)	-25~+60			-25~+60				-25~+60		
Mounting	Pole or Wall Mount			Pole or Wall Mount				Pole or Wall Mount		
Relative Humidity	5-95%			5-95%				5-95%		