

RF COMBINER (DUAL-BAND)

**Dual-band Combiner
(MNC-D-6889-DF)**



**Dual-band Combiner
(MNC-D-3912-DF)**



**Micro-strip Combiner
(MNC-D-3912-DF-W)**



**Dual-band Combiner
(MNC-D-4912-DF)**



Electrical & Mechanical Specifications:

Model Number	MNC-D-1112-DF		MNC-D-3912-DF MNC-D-3912-DF-W		MNC-D-4912-DF	
Freq(MHz)	1710-1880	1920-2170	380-960	1710-2700	824-884	905-960
Insertion Loss (dB)	≅ 0.3	≅ 0.5	≅ 0.3	≅ 0.3	≅ 0.5	≅ 0.5
Isolation (dB)	≅ 50	≅ 50	≅ 50	≅ 50	≅ 90	≅ 90
VSWR	≅ 1.25	≅ 1.25	≅ 1.25	≅ 1.25	≅ 1.25	≅ 1.25
Input Power (W)	200		200		200	
Impedance (ohm)	50		50		50	
PIM3 (dBc@2*43dBm)	≅ -150, ≅ -155, ≅ -160		≅ -150, ≅ -155, ≅ -160		≅ -150, ≅ -155, ≅ -160	
Lightning Protection	IEC 61000-4-5; 3kA, 8/20us		IEC 61000-4-5; 3kA, 8/20us		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 or Light Grey		Black or Light Grey		Black or Light 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%	