

RF FILTER

**RF Filter
(MNF-G-4C1-NF)**



**RF Filter
(MNF-G-4C2-NF)**



**RF Diplexer
(MNF-D-301-NF)**



Electrical & Mechanical Specifications:

Model Number	MNF-G-4C1-NF	MNF-G-4C2-NF	MNF-D-301-NF
Frequency Band (MHZ)	699-716	1150-1650	824-849/869-894
Bandwidth (MHz)	17	500	/
Insertion Loss (dB)	≅ 1.6	≅ 0.3	≅ 2.5
Rejection (dB)	≅ 80dB@674MHz ≅ 80dB@736MHz	≅ 40dB@DC-900MHz ≅ 40dB@1800-3000MHz	≥70dB@869-894 ≥70dB@824-849
VSWR	≅ 1.3	≅ 1.5	≅ 1.3
PIM (dBc@2*43dBm)	≅ -120; ≅ -150 ; ≅ -155; ≅ -160	≅ -120; ≅ -150 ; ≅ -155; ≅ -160	≅ -120; ≅ -150 ; ≅ -155; ≅ -160
Average Power (W)	100	100	50
Impedance (ohm)	50	50	50
RF Connector	N, DIN, SMA, 4.3-10	N, DIN, SMA, 4.3-10	N, DIN, SMA, 4.3-10
Surface Color	Black	Black	Black
Relative Humidity	5-95%	5-95%	5-95%
Working Temperature (deg)	-30~+70	-30~+70	-30~+70
Size Tolerance (mm)	±0.3	±0.3	±0.3