

700/800/900/1850 MHz

700/800/900/1850 MHz COILS/WHIPS

Model	Type	Frequency (MHz)	Gain (dBd/dBi)	Max Height (In)	Power Rating (Watts)	Whip Color	Cable Assembly	Conn
LM800	5/8 over 1/2 λ	806-866	3.5/5.6	14.5	200	Stainless	Order Separately	N/A
LM825	5/8 over 1/2 λ	824-896	3.5/5.6	14.5	200	Stainless	Order Separately	N/A
LM900	5/8 over 1/2 λ	890-960	3.5/5.6	14.5	200	Stainless	Order Separately	N/A
NMOQW700	1/4 λ	740-806	0/2	3	200	Stainless	Order Separately	N/A
NMOQW800	1/4 λ	806-896	0/2	3	200	Stainless	Order Separately	N/A
NMOQW900	1/4 λ	890-970	0/2	3	200	Stainless	Order Separately	N/A
NMQSPEC800B	1/4 λ	806-896	0/2	4	200	Black	Order Separately	N/A
NMQSPEC900B	1/4 λ	890-970	0/2	4	200	Black	Order Separately	N/A
NMQ700B	1/4 λ	740-806	0/2	4.5	200	Black	Order Separately	N/A
NMQ800B	1/4 λ	806-896	0/2	4.5	200	Black	Order Separately	N/A
NMQ900B	1/4 λ	890-960	0/2	4.5	200	Black	Order Separately	N/A
NMOSPEC800	5/8 over 1/4 λ	806-866	3.3/5.4	13.5	200	Stainless	Order Separately	N/A
NMOSPEC825	5/8 over 1/4 λ	824-896	3.3/5.4	13.5	200	Stainless	Order Separately	N/A
NMOSPEC900	5/8 over 1/4 λ	890-960	3.3/5.4	13.5	200	Stainless	Order Separately	N/A
NMO3HD800B	5/8 over 1/4 λ	806-866	3.3/5.4	13.75	200	Black	Order Separately	N/A
NMO3HD825B	5/8 over 1/4 λ	824-896	3.3/5.4	13.75	200	Black	Order Separately	N/A
NMO3HD800B	5/8 over 1/4 λ	890-960	3.3/5.4	13.75	200	Black	Order Separately	N/A
NMO3E700B	5/8 over 1/4 λ	740-806	3.3/5.4	13.5	200	Black	Order Separately	N/A
NMO3E800B	5/8 over 1/4 λ	806-866	3.3/5.4	13.5	200	Black	Order Separately	N/A
NMO3E825B	5/8 over 1/4 λ	824-896	3.3/5.4	13.5	200	Black	Order Separately	N/A
NMO3E900B	5/8 over 1/4 λ	890-960	3.3/5.4	13.5	200	Black	Order Separately	N/A
NMO700	5/8 over 1/2 λ	740-806	3.5/5.6	12.75	200	Stainless	Order Separately	N/A
NMO800	5/8 over 1/2 λ	806-866	3.5/5.6	12.75	200	Stainless	Order Separately	N/A
NMO825	5/8 over 1/2 λ	824-896	3.5/5.6	12.75	200	Stainless	Order Separately	N/A
NMO900	5/8 over 1/2 λ	890-960	3.5/5.6	12.75	200	Stainless	Order Separately	N/A
NMO800B	5/8 over 1/2 λ	806-866	3.5/5.6	12.75	200	Black	Order Separately	N/A
NMO825B	5/8 over 1/2 λ	824-896	3.5/5.6	12.75	200	Black	Order Separately	N/A
NMO900B	5/8 over 1/2 λ	890-960	3.5/5.6	12.75	200	Black	Order Separately	N/A
NMO5T800B	5/8 over 5/8 over 1/4 λ	806-866	5/7.2	18	200	Black	Order Separately	N/A
NMO5T825B	5/8 over 5/8 over 1/4 λ	824-896	5/7.2	18	200	Black	Order Separately	N/A
NMO5T900B	5/8 over 5/8 over 1/4 λ	890-960	5/7.2	18	200	Black	Order Separately	N/A
NMO5E825B	5/8 over 5/8 over 1/4 λ	824-896	5/7.2	19	200	Black	Order Separately	N/A
NMO5E900B	5/8 over 5/8 over 1/4 λ	890-960	5/7.2	19	200	Black	Order Separately	N/A
Q800	1/4 λ	806-866	0/2	3.5	200	Stainless	Order Separately	N/A
Q900	1/4 λ	890-960	0/2	3.5	200	Stainless	Order Separately	N/A



The most commonly used cable assembly/mount is the NMOKHFUD (27 MHz to 6 GHz) with 17' of UD (RG-58/U Dual Shield).

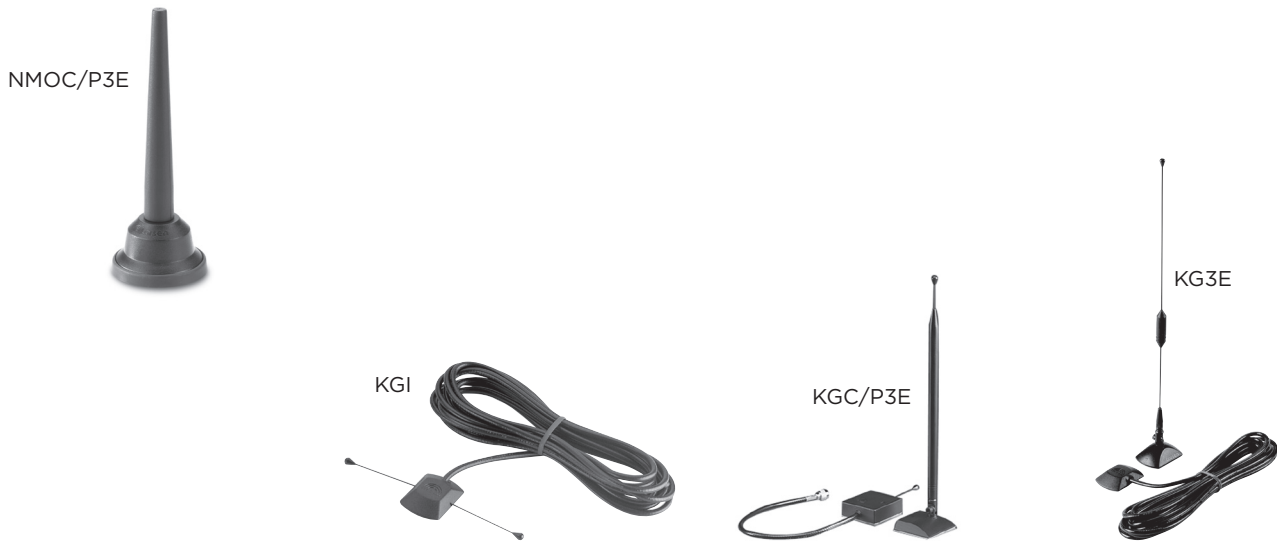
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NOTE: Antennas are not to scale

700/800/900/1850 MHz

700/800/900/1850 MHz COILS/WHIPS (CONTINUED)

Model	Type	Frequency (MHz)	Gain (dBd/dBi)	Max Height (In)	Power Rating (Watts)	Whip Color	Cable Assembly	Conn
NMOC/P3E	5/8 over 1/4 λ	824-960 1850-1990	1.9/4	4.7	10	Black	Order Separately	
NMOC/P3EUD	5/8 over 1/4 λ	824-960 1850-1990	1.9/4	4.7	10	Black	17' RG-58/U	No Conn
NMOC/P3EUDFME	5/8 over 1/4 λ	824-960 1850-1990	1.9/4	4.7	10	Black	17' RG-58/U	FME
NMOC/P3EUDMPL	5/8 over 1/4 λ	824-960 1850-1990	1.9/4	4.7	10	Black	17' RG-58/U	MPL
NMOC/P3EUDSMA	5/8 over 1/4 λ	824-960 1850-1990	1.9/4	4.7	10	Black	17' RG-58/U	SMA
NMOC/P3EUDTNC	5/8 over 1/4 λ	824-960 1850-1990	1.9/4	4.7	10	Black	17' RG-58/U	TNC



700/800/900/1850 MHz GLASS MOUNT

Optimum glass thickness 0.138" through 0.158"

Model	Type	Frequency (MHz)	Gain (dBd/dBi)	Height (In)	Rating (Watts)	Whip Color	Cable Assembly	Connector
KG3E825UD	5/8 over 1/2 λ	806-896	3/5.14	13	60	Black	14' RG-58/U	No Conn
KG3E825UDFME	5/8 over 1/2 λ	806-896	3/5.14	13	60	Black	14' RG-58/U	FME
KG3E825UDMPL	5/8 over 1/2 λ	806-896	3/5.14	13	60	Black	14' RG-58/U	MPL
KG3E825UDTNC	5/8 over 1/2 λ	806-896	3/5.14	13	60	Black	14' RG-58/U	TNC
KG3E900UD	5/8 over 1/2 λ	890-960	3/5.14	13	60	Black	14' RG-58/U	No Conn
KG3E900UDFME	5/8 over 1/2 λ	890-960	3/5.14	13	60	Black	14' RG-58/U	FME
KG3E900UDMPL	5/8 over 1/2 λ	890-960	3/5.14	13	60	Black	14' RG-58/U	MPL
KG3E825O/S	5/8 over 1/2 λ	806-896	3/5.14	13	60	Black	Outside Coupler Only	
KG3E900O/S	5/8 over 1/2 λ	890-960	3/5.14	13	60	Black	Outside Coupler Only	
KGI825	1/4 λ Dipole	806-896	0/2		60	Black	14' RG-58/U	No Conn
KGC/P3EUD	Cellular: Collinear PCS: 5/8 over 5/8 over 1/2 λ	824-896 1850-1990	3/5.14 3/5.14	13	7	Black	15' RB-58/U	No Conn
KGC/P3EUDFME	Cellular: Collinear PCS: 5/8 over 5/8 over 1/2 λ	824-896 1850-1990	3/5.14 3/5.14	13	7	Black	15' RB-58/U	FME

The most commonly used cable assembly/mount is the NMOKHFUD (27 MHz to 6 GHz) with 17' of UD (RG-58/U Dual Shield).

1 800 ANTENNA (268-3662)

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700/800/900/1850 MHz NMO MOUNT LOW PROFILE

Model	Frequency (MHz)	Gain (dBd/dBi)	Size H x DIA (In)	Power Rating (Watts)	Color	Cable Assembly
LP800NMO	806-960	0/2	1.5 x 4.5	100	Black	Order Separately
LP800NMOV	806-960	0/2	1.5 x 4.5	100	White	Order Separately
LPT700/800NMO	740-866	0/2	3.25 x 1.5	100	Black	Order Separately
LPT800/900NMO	806-960	0/2	3.25 x 1.5	100	Black	Order Separately
LPT825/19NMOHF	Cellular: 806-960 PCS: 1710-2170 ISM: 2400	.8/3 .8/3 1.9/4	3 x 1.75	10	Black	Order Separately Requires NMOHF Mount
SLPT698/960NMO	698-960	2.35/4.5	3 x 1.5	10	Black	Order Separately
SLPT698/2170NMOHF	Cellular: 698-960 PCS: 1710-2170 ISM: 2400-2700	2.35/4.5 3.45/5.6 1.85/4	3 x 1.75	10	Black	Order Separately Requires NMOHF Mount

SLPT
NMO



LP



LPT



700/800/900/1850 MHz DIRECT MOUNTS

Model	Type	Frequency (MHz)	Gain (dBd/dBi)	Size (In)	Power Rating (Watts)	Color	Cable Assembly	Connector
LP800	Low Profile	806-960	0/2	1.25H x 5.25D	100	Black	17' RG-58/U	No Conn
OM800UD	5/8 over 1/2 λ	806-866	1/3.2	15.5 H	60	Black	14' RG-58/U	No Conn
OM800UDMPL	5/8 over 1/2 λ	806-866	1/3.2	15.5 H	60	Black	14' RG-58/U	MPL
OM800UDTNC	5/8 over 1/2 λ	806-866	1/3.2	15.5 H	60	Black	14' RG-58/U	TNC
OM825UD	5/8 over 1/2 λ	824-896	1/3.2	15.5 H	60	Black	14' RG-58/U	No Conn
OM825UDMPL	5/8 over 1/2 λ	824-896	1/3.2	15.5 H	60	Black	14' RG-58/U	MPL
OM825UDTNC	5/8 over 1/2 λ	824-896	1/3.2	15.5 H	60	Black	14' RG-58/U	TNC
OM900UD	5/8 over 1/2 λ	890-960	1/3.2	15.5 H	60	Black	14' RG-58/U	No Conn
SLPT698/869DMN	Low Profile	698-869	2.35/4.5	3 x 1.5	10	Black	Order Separately	N Female
SLPT806DMN	Low Profile	806-960	2.35/4.5	3 x 1.5	10	Black	Order Separately	N Female
SLPT698/2170DMN	Low Profile	Cellular: 698-960 PCS: 1710-2170 ISM: 2400-2700	2.35/4.5 3.45/5.6 1.85/4	3 x 1.75	10	Black	Order Separately	N Female

SLPT DM



LP Direct
Mount



OM



The most commonly used cable assembly/mount is the NMOKHFUD (27 MHz to 6 GHz) with 17' of UD (RG-58/U Dual Shield).

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700/800/900/1850 MHz

700/800/900/1850 MHz MAGNETIC MOUNTS

Model	Type	Frequency (MHz)	Gain (dBd/dBi)	Max Height (In)	Power Rating (Watts)	Whip Color	Cable Assembly	Connector
MS3E800FME	5/8 over 1/2 λ	806-896	3.5/5.6	13	60	Black	12' RG-58A/U	FME
MS3E800MPL	5/8 over 1/2 λ	806-896	3.5/5.6	13	60	Black	12' RG-58A/U	MPL
MS3E800TNC	5/8 over 1/2 λ	806-896	3.5/5.6	13	60	Black	12' RG-58A/U	TNC
MS3E900MPL	5/8 over 1/2 λ	890-960	3.5/5.6	13	60	Black	12' RG-58A/U	MPL
MS3E900TNC	5/8 over 1/2 λ	890-960	3.5/5.6	13	60	Black	12' RG-58A/U	TNC
MS3E900SMA	5/8 over 1/2 λ	890-960	3.5/5.6	13	40	Black	12' RG-58A/U	SMA
MM5E900BNC	5/8 over 5/8 over 1/4 λ	890-960	5/7.12	16.5	60	Black	12' RG-58A/U	BNC
MM5T900SMA	5/8 over 5/8 over 1/4 λ	890-960	5/7.2	18	60	Black	12' RG-58A/U	SMA
MM5T900SMARP	5/8 over 5/8 over 1/4 λ	890-960	5/7.2	18	60	Black	12' RG-58A/U	SMA RP
MSU800FME	1/2 λ	806-896	0/2	4	40	Black	12' RG-58A/U	FME
MSU900FME	1/2 λ	890-960	0/2	4	40	Black	12' RG-58A/U	FME
MMC/P3EFME	5/8 over 1/4 λ	Cell: 824-960 PCS: 1850-1990	1.9/4 1.9/4	5	7	Black	12' RG-58/U	FME
MMC/P3EMPL	5/8 over 1/4 λ	Cell: 824-960 PCS: 1850-1990	1.9/4 1.9/4	5	7	Black	12' RG-58/U	MPL
MMC/P3ETNC	5/8 over 1/4 λ	Cell: 824-960 PCS: 1850-1990	1.9/4 1.9/4	5	7	Black	12' RG-58/U	TNC
MMC/P3ESMA	5/8 over 1/4 λ	Cell: 824-960 PCS: 1850-1990	1.9/4 1.9/4	5	7	Black	12' RG-58/U	SMA



MM3E/MM5E



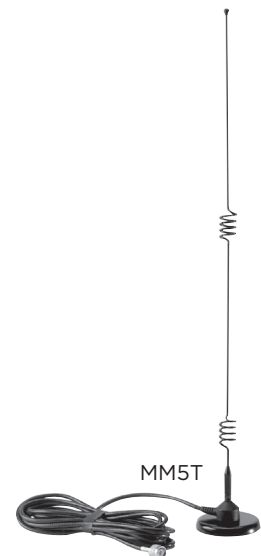
MS3E



MSU



MMC/P3E



MM5T

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1 800 ANTENNA (268-3662)

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700/800/900/1850 MHz STEALTH BLADES

Stealth Blade antennas have the following specifications:

Gain: 2.14 dBi

Maximum Power: 3 Watts

Polarization: Linear

Model	Frequency (MHz)	Bandwidth % @1.5/2.1	Dimensions L x W (In)	Coax	Connector
SB8003	806-896	67/90	5.2 x .75	3' RG-174	No Conn
SB80012	806-896	67/90	5.2 x .75	12' RG-174	No Conn
SB800FME3	806-896	67/90	5.2 x .75	3' RG-174	FME
SB800FME12	806-896	67/90	5.2 x .75	12' RG-174	FME
SB800MPL3	806-896	67/90	5.2 x .75	3' RG-174	MPL
SB800MPL12	806-896	67/90	5.2 x .75	12' RG-174	MPL
SB800SMA3	806-896	67/90	5.2 x .75	3' RG-174	SMA
SB800TNC3	806-896	67/90	5.2 x .75	3' RG-174	TNC
SB800TNC12	806-896	67/90	5.2 x .75	12' RG-174	TNC
SB9003	890-960	67/90	5.2 x .75	3' RG-174	No Conn
SB90012	890-960	55/70	5.2 x .75	12' RG-174	No Conn
SB900SMA3	890-960	55/70	5.2 x .75	3' RG-174	SMA
SB900SMA12	890-960	55/70	5.2 x .75	12' RG-174	SMA
R380.900.323	806-960 / 1710-2170		5 X .8	10' RG-174	FME
R380.900.334	806-960 / 1710-2170		5 X .8	10' RG-174	SMA

