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INDEX GUIDE TO ANTENNA PRODUCTS

RUBBER DUCK ANTENNAS.....232 **NEW**



Rubber Duck Style Antennas are useful in multiple wireless applications where small size, high performance, and rugged construction are design imperatives. These antennas are useful in both indoor and portable wireless applications.

OMNI VERTICAL ANTENNAS.....233 **NEW**




Outdoor Omni, high gain performance Antennas with UV resistant radomes and rugged construction suitable for base station and other applications.

CELLULAR / PCS ANTENNAS.....234 **NEW**



Popular Cellular and PCS Antennas in convenient radome styles and connector configurations.

HIGH PERFORMANCE ANTENNAS.....235 **NEW**



Industry leading performance antennas for a multitude of critical wireless applications, where highest performance and durability is required.

GPS ANTENNAS.....235 **NEW**



Commercial and Military Frequency GPS Antennas in both active and passive styles.

PANEL & PATCH ANTENNAS.....236 **NEW**




Pasternack carries a wide range of high gain directional single and multi band panel antennas for popular ISM frequency coverage.

DOMES ANTENNAS.....237 **NEW**




Pasternack's wide selection of Dome Antennas are commonly used where visual aesthetics and low impact demands are essential.

YAGI ANTENNAS.....238 **NEW**



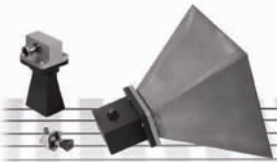
High gain directional antennas in popular frequency bands suitable for outdoor SCADA installations.

LAND MOBILE RADIO ANTENNAS.....238 **NEW**




A wide selection of popular gains and styles for Land Mobile Radio applications.

STANDARD GAIN HORNS.....239 **NEW**



Standard Gain horns from 1.7 GHz to 40 GHz & gains of 10, 15 & 20 dB.

ANTENNA MOUNTS.....240



Pasternack manufactures a wide selection of NMO Antenna Mounts for base station and Land Mobile Radio applications.

NMO MOUNT CABLE ASSEMBLIES.....240



The NMO Mount Cable Assemblies offer the widest connector selection from standard FME and Mini UHF to non-standard Reverse Polarity and Reverse Thread options.

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RUBBER DUCK ANTENNAS



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Model No.	Description	Frequency (MHz)	Gain	Power (MAX.)	P R I C E			
					1-24	25-49	50-99	100 +
PE51055	Duck/Whip Antenna, 196mm, N Male	900-960	3 dBi	40W	\$59.40	\$55.24	\$51.08	\$47.52
PE51056	Unity Gain, 1/4 wv White Radome Antenna, 70mm SMA Male Right Angle	900-960	Unity	50W	24.40	22.69	20.98	19.52
PE51026	Rubber Duck Portable Antenna, 185mm, Reverse Polarity SMA Male	902-928	3 dBi	30W	25.45	23.67	21.89	20.36
PE51074	Rubber Duck Antenna, 134mm, Reverse Polarity SMA Male	2300-2700	2 dBi	25W	20.15	18.74	17.33	16.12
PE51018	Rubber Duck Portable Antenna, 114mm, SMA Male	2400-2483	2 dBi	50W	25.45	23.67	21.89	20.36
PE51077	Rubber Duck Antenna, 108mm, Reverse Polarity SMA Male	2400-2500	2.2 dBi	30W	24.35	22.65	20.94	19.48
PE51076	Rubber Duck Antenna, 138mm, Reverse Polarity SMA Male	2400-2500	3 dBi	30W	20.15	18.74	17.33	16.12
PE51078	Rubber Duck Antenna, 198mm, Reverse Polarity SMA Male	2400-2500	5.5 dBi	30W	23.30	21.67	20.04	18.64
PE51072	Rubber Duck Antenna, 102mm, SMA Male	3300-3800	2 dBi	50W	16.90	15.72	14.53	13.52
PE51084	Rubber Duck Antenna, 108mm, SMA Male	3300-3800	2 dBi	30W	20.15	18.74	17.33	16.12
PE51085	Rubber Duck Antenna, 198mm, Reverse Polarity SMA Male	3400-3800	5 dBi	30W	19.00	17.67	16.34	15.20
PE51070	Rubber Duck Antenna, 180mm, Reverse Polarity TNC Male Fixed Right Angle	5725-5850	5 dBi	30W	12.70	11.81	10.92	10.16
PE51083	Rubber Duck Dual Band Antenna, 108mm, SMA Male	2400-2500 / 4900-5825	2 dBi	30W	12.70	11.81	10.92	10.16
PE51082	Rubber Duck Dual Band Antenna, 138mm, SMA Male	2400-2500 / 4900-5825	2 dBi	30W	12.70	11.81	10.92	10.16
PE51087	Rubber Duck Dual Band Antenna, 198mm, SMA Male	2400-2500 / 4900-5825	2.5 dBi	30W	14.85	13.81	12.77	11.88
PE51080	Rubber Duck Dual Band Antenna, 108mm, Reverse Polarity SMA Male	2400-2500 / 4900-5825	2 dBi	30W	16.90	15.72	14.53	13.52
PE51081	Rubber Duck Dual Band Antenna, 130mm, Reverse Polarity SMA Male	2400-2500 / 4900-5825	2 / 3 dBi	30W	12.70	11.81	10.92	10.16
PE51071	Rubber Duck Dual Band Antenna, 220mm, Reverse Polarity TNC Male	2400-2483 / 5150-5850	7 dBi	30W	12.70	11.81	10.92	10.16
PE51095	Rubber Duck Tri Band Antenna, 195mm, Reverse Polarity SMA Male	2400-2480 / 4900-5300 / 5725-5850	2 dBi	50W	21.15	19.67	18.19	16.92

Antennas

NEW OMNI VERTICAL ANTENNAS



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Model No.	Description	Frequency (MHz)	Gain	Power (MAX.)	P R I C E			
					1-24	25-49	50-99	100 +
PE51027	Mini Magnetic Omni Directional Antenna, 285mm X 27mm Dia. 10 ft RG174, SMA Male	902-928	4 dBi	30W	\$25.45	\$23.67	\$21.89	\$20.36
PE51028	Outdoor Omni Directional Antenna, 610mm X 42mm Dia. N Female	902-928	4 dBi	30W	168.75	156.94	145.13	135.00
PE51017	Omni Directional Extreme Weather Antenna with mounting Bracket, 20.2mm X 1.25mm Dia., N Female	2400-2483	8 dBi	25W	168.75	156.94	145.13	135.00
PE51062	Mini Ground Independent Dipole Vertical, Fiberglass Radome, 104mm X 16.7 Dia, N Male	2300	3 dBi	30W	153.90	143.13	132.35	123.12
PE51063	Mini Dipole Vertical, Fiberglass Radome, 104mm X 16.7mm Dia, N Male	2400	3 dBi	30W	156.00	145.08	134.16	124.80
PE51088	Mini Omni Grey Radome, 90.7mm Dia X 14.5mm, Reverse Polarity TNC Male	2400-2500 / 4900-5825	2 & 3 dBi	25W	24.35	22.65	20.94	19.48
PE51064	Mini Dipole Vertical, Fiberglass Radome, 104mm X 16.7mm Dia, N Male	2500	3 dBi	30W	156.00	145.08	134.16	124.80
PE51065	Mini Dipole Vertical, Fiberglass Radome, 104mm X 16.7mm Dia., N Male	3500	3 dBi	30W	157.05	146.06	135.06	125.64
PE51133	Mini Vertical Omni Antenna, Fiberglass Radome, 116mm X 15mm, N Male Fixed Right Angle	2400-2500	3 dBi	30W	143.25	133.22	123.20	114.60
PE51116	Vertical Omni Antenna, 790mm X 51.5mm dia., N Female	248-268	1.5 dBi	100W	178.30	165.82	153.34	142.64
PE51029	Vertical Omni Antenna, Fiberglass Radome, 600mm X 25mm dia., N Female	2400-2483	8 dBi	100W	118.85	110.53	102.21	95.08
PE51030	Vertical Omni Antenna, 1000mm X 25mm dia., Fiberglass Radome, N Female	2400-2483	10 dBi	100W	129.45	120.39	111.33	103.56
PE51031	Vertical Omni Antenna, 1200mm X 25mm dia., Fiberglass Radome, N Female	2400-2483	12 dBi	100W	140.05	130.25	120.44	112.04
PE51061	Vertical Omni Antenna, 500mm X 19mm Dia, N Female	2400-2500	8 dBi	50W	144.35	134.25	124.14	115.48
PE51032	Vertical Omni Antenna, 500mm X 25mm, Fiberglass Radome, N Female	3400-3600	7 dBi	100W	127.30	118.39	109.48	101.84
PE51033	Vertical Omni Antenna, 800mm X 25mm dia., Fiberglass Radome, N Female	3400-3600	9 dBi	100W	137.90	128.25	118.59	110.32
PE51034	Vertical Omni Antenna, 1000mm X 25mm dia., Fiberglass Radome, N Female	3400-3600	11 dBi	100W	148.60	138.20	127.80	118.88
PE51035	Vertical Omni Antenna, 380mm X 25mm dia., Fiberglass Radome, N Female	5470-5850	8 dBi	100W	132.65	123.36	114.08	106.12
PE51036	Vertical Omni Antenna, 580mm X 25mm dia., Fiberglass Radome, N Female	5470-5850	10 dBi	100W	148.60	138.20	127.80	118.88
PE51037	Vertical Omni Antenna, 750mm X 25mm dia., Fiberglass Radome, N Female	5470-5850	12 dBi	100W	164.50	152.99	141.47	131.60
PE51038	Vertical Omni Antenna, 380mm X 25mm dia., Fiberglass Radome, N Female	5470-5850	8 dBi	100W	132.65	123.36	114.08	106.12
PE51039	Vertical Omni Antenna, 580mm X 25mm dia., Fiberglass Radome, N Female	5470-5850	10 dBi	100W	148.60	138.20	127.80	118.88
PE51040	Vertical Omni Antenna, 750mm X 25mm dia., Fiberglass Radome, N Female	5470-5850	12 dBi	100W	164.50	152.99	141.47	131.60
PE51110	Magnetic Mount WiMax Antenna with 10 foot RG316/U Coaxial Cable Attached	3300-3800	5 dBi	50W				
PE51110-1	PE51110 terminated with SMA Female	3300-3800	5 dBi	50W	32.05	29.81	27.56	25.64
PE51110-2	PE51110 terminated with N Female	3300-3800	5 dBi	50W	32.05	29.81	27.56	25.64
PE51110-3	PE51110 terminated with SMA Male	3300-3800	5 dBi	50W	32.05	29.81	27.56	25.64
PE51110-4	PE51110 terminated with TNC Male	3300-3800	5 dBi	50W	32.05	29.81	27.56	25.64

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NEW CELLULAR / PCS ANTENNAS



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Model No.	Description	Frequency (MHz)	Gain	Power (MAX.)	P R I C E			
					1-24	25-49	50-99	100 +
PE51008	Mobile Antenna, 5/8 wave over 1/2 wave, tuned to 835 MHz	806 - 896	3dB	150W	\$25.45	\$23.67	\$21.89	\$20.36
PE51009	Mobile Antenna, Dual 1/2 wave over 1/2 wave, tuned to 835 MHz	825 - 896	5dB	150W	38.20	35.53	32.85	30.56
PE51010	Mobile Antenna, Dual 1/2 wave over 1/2 wave, tuned to 898 MHz	870 - 950	5dB	150W	38.20	35.53	32.85	30.56
PE51013	PCS/iDEN/Cellular Low Profile Antenna	806 - 960 & 1710 -1990	3dBi	150W	62.60	58.22	53.84	50.08
PE51014	PCS/Cellular Mobile Antenna, Dual Band Collinear	824 - 960 & 1850 - 1990	2.2 dBi / 4 dBi	150W	39.20	36.46	33.71	31.36
PE51015	PCS/Cellular Concealed Glass Mount Dual Band Antenna, with 10 foot RG58 Coaxial Cable attached	824-896 / 1850-1990	Unity	10W				
PE51015-1	PE51015 terminated with SMA Male connector	824-896 / 1850-1990	Unity	10W	53.45	49.71	45.97	42.76
PE51015-2	PE51015 terminated with TNC Male connector	824-896 / 1850-1990	Unity	10W	53.45	49.71	45.97	42.76
PE51015-3	PE51015 terminated with Mini-UHF Male connector	824-896 / 1850-1990	Unity	10W	53.45	49.71	45.97	42.76
PE51015-4	PE51015 terminated with FME Male connector	824-896 / 1850-1990	Unity	10W	53.45	49.71	45.97	42.76
PE51015-5	PE51015 terminated with N Male connector	824-896 / 1850-1990	Unity	10W	53.45	49.71	45.97	42.76
PE51089	Magnetic Mount Terminal Antenna with 16 foot RG316/U Coaxial Cable attached	890-960 / 1710-1880	3dBi	50W				
PE51089-1	PE51089 terminated with SMA Male connector	890-960 / 1710-1880	3dBi	50W	26.75	24.88	23.01	21.40
PE51089-2	PE51089 terminated with SMA Female connector	890-960 / 1710-1880	3dBi	50W	26.75	24.88	23.01	21.40
PE51089-3	PE51089 terminated with N Female connector	890-960 / 1710-1880	3dBi	50W	26.75	24.88	23.01	21.40
PE51089-4	PE51089 terminated with TNC Male connector	890-960 / 1710-1880	3dBi	50W	26.75	24.88	23.01	21.40
PE51113	Dual Band Magnetic Mount Antenna with 10 foot RG174A/U Coaxial Cable attached	880-965 / 1710-2170	3dBi	50W				
PE51113-1	PE51113 terminated with SMA Female connector	880-965 / 1710-2170	3dBi	50W	31.05	28.88	26.70	24.84
PE51113-2	PE51113 terminated with N Female connector	880-965 / 1710-2170	3dBi	50W	31.05	28.88	26.70	24.84
PE51113-3	PE51113 terminated with TNC Male connector	880-965 / 1710-2170	3dBi	50W	31.05	28.88	26.70	24.84
PE51113-4	PE51113 terminated with SMA Male connector	880-965 / 1710-2170	3dBi	50W	31.05	28.88	26.70	24.84

Antennas

NEW

HIGH PERFORMANCE ANTENNAS



Model No.	Description	Frequency (MHz)	Gain	Power (MAX.)	P R I C E			
					1-24	25-49	50-99	100 +
PE51119	High Performance Broadband Colinear Vertical Antenna with Spring 12 inches, with Black Radome, N Male	1700-1850	3.5 dBi	50W	\$371.45	\$345.45	\$319.45	\$297.16
PE51117	High Performance Broadband Colinear Vertical Antenna with Spring 10 inches, with Black Radome, N Male	1700-2500	2 dBi	50W	371.45	345.45	319.45	297.16
PE51121	High Performance Broadband Colinear Vertical Antenna with Spring 10 inches, with Black Radome, N Male	1900-2500	3.5 dBi	50W	371.45	345.45	319.45	297.16
PE51123	High Performance Broadband Colinear Vertical Antenna with Spring 18 inches, with Black Radome, N Male	2200-2500	6 dBi	50W	371.45	345.45	319.45	297.16
PE51134	High Performance Broadband Vertical Antenna with Spring 11 inches, TNC Male	4400-5000	6 dBi	50W	420.35	390.93	361.50	336.28
PE51135	High Performance Vertical Omni Antenna with Spring 11 inches, with Black Radome, N Male	4400-5000	6 dBi	50W	420.35	390.93	361.50	336.28
PE51127	High Performance Broadband Vertical Antenna with Spring 11 inches, with Black Radome, N Male	5250-5850	6 dBi	50W	371.45	345.45	319.45	297.16
PE51125	High Performance Broadband Colinear Vertical Antenna with Spring 11 inches, with Black Radome, N Male	5250-5850	3.8 dBi	50W	371.45	345.45	319.45	297.16
PE51118	High Performance Broadband Colinear Vertical Antenna with Spring 10 inches, with Black Radome, TNC Male	1700-2500	2 dBi	50W	333.25	309.92	286.60	266.60
PE51120	High Performance Broadband Colinear Vertical Antenna with Spring 11.75 inches, with Black Radome, TNC Male	1700-1850	3.5 dBi	50W	371.45	345.45	319.45	297.16
PE51122	High Performance Broadband Colinear Vertical Antenna with Spring 10 inches, with Black Radome, TNC Male	1900-2500	3.5 dBi	50W	371.45	345.45	319.45	297.16
PE51126	High Performance Broadband Vertical Antenna with Spring 11 inches, with Black Radome, TNC Male	5250-5850	3.8 dBi	50W	371.45	345.45	319.45	297.16
PE51124	High Performance Broadband Colinear Vertical Antenna with Spring 18 inches, with Black Radome, TNC Male	2200-2500	6 dBi	50W	375.05	348.80	322.54	300.04
PE51128	High Performance Broadband Vertical Antenna with Spring 11 inches, with Black Radome, TNC Male	5250-5850	6 dBi	50W	371.45	345.45	319.45	297.16
PE51130	High Performance Broadband Panel Antenna with Spring 6.2 X 4.2 inches, with Black Radome, SMA Female	1700-2500	9 dBi	50W	473.40	440.26	407.12	378.72
PE51129	High Performance Broadband Panel Antenna, with Black Radome 3.6 X 2.1 inches, SMA Female	4400-6400	9 dBi	50W	371.45	345.45	319.45	297.16

NEW

ACTIVE GPS ANTENNAS



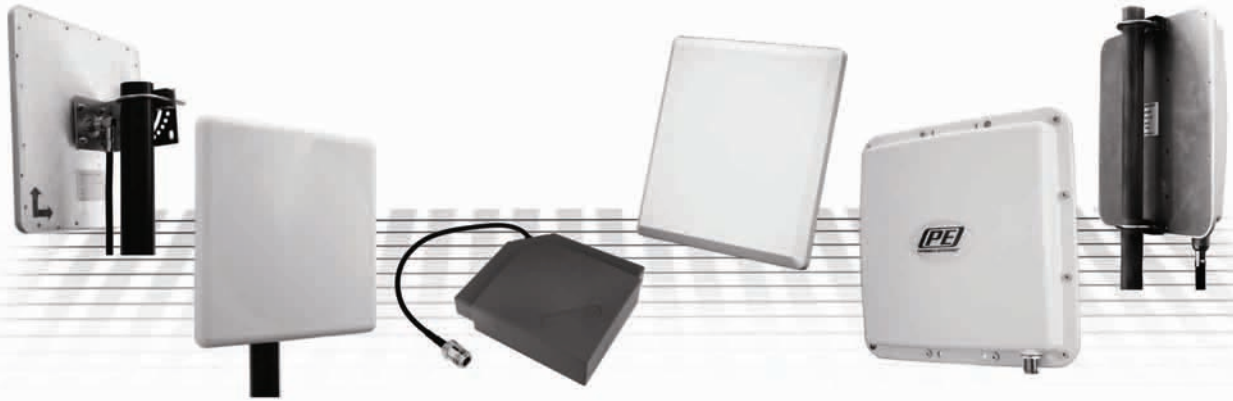
Model No.	Description	Frequency (MHz)	Gain	NOISE FIGURE (MAX.)	P R I C E			
					1-24	25-49	50-99	100 +
PE51066	GPS Passive, RG174/16 Foot, 43X33X14mm SMA Female	1572.92-1577.92	3 dB	N/A	\$71.05	\$66.08	\$61.10	\$56.84
PE51067	GPS Commercial Active, 174X132X132mm, N Female	1570-1580	32 dB	< 1.0 dB	212.30	197.44	182.58	169.84
PE51068	Dual Band, High Performance L1 & L2 GPS Passive Antenna, 139X178mm Dia., N Female	L1: 1530-1580 / L2: 1220-1230	6 dBic	N/A	711.20	661.42	611.63	568.96
PE51069	Dual Band, High Performance L1 & L2 GPS Active Antenna, 139X178mm Dia., N Female	L1: 1530-1580 / L2: 1220-1230	56 dB	<.7 dB	1540.25	1432.43	1324.62	1232.20
PE51016	GPS Antenna, Magnetic Mount, with 15 foot RG174/U Coaxial Cable attached	L1: 1575	31 dB	2.2 dB				
PE51016-1	PE51016 terminated with SMA Male connector	L1: 1575	31 dB	2.2 dB	127.40	118.48	109.56	101.92
PE51016-2	PE51016 terminated with SMA Female connector	L1: 1575	31 dB	2.2 dB	127.40	118.48	109.56	101.92
PE51016-3	PE51016 terminated with FME Female connector	L1: 1575	31 dB	2.2 dB	127.40	118.48	109.56	101.92
PE51016-4	PE51016 terminated with FME Male connector	L1: 1575	31 dB	2.2 dB	127.40	118.48	109.56	101.92
PE51016-5	PE51016 terminated with MMCX Male connector	L1: 1575	31 dB	2.2 dB	127.40	118.48	109.56	101.92
PE51016-6	PE51016 terminated with MCX Male connector	L1: 1575	31 dB	2.2 dB	127.40	118.48	109.56	101.92

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NEW PANEL & PATCH ANTENNAS



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Model No.	Description	Frequency (MHz)	Gain	Power (MAX.)	P R I C E			
					1-24	25-49	50-99	100 +
PE51054	Panel Antenna, Dual Band, 210mm X 180mm X 44mm, N Female	806-960 / 1710-2500	7 dBi	250W	\$83.80	\$77.93	\$72.07	\$67.04
PE51042	Panel Antenna, 306mm X 306mm X 25mm, N Female	902-928	10.5 dBi	50W	143.25	133.22	123.20	114.60
PE51041	Panel Dual Polarization Antenna, 216mm sq X 82mm, SMA Male	2400-2483	14 dBi	20W	153.90	143.13	132.35	123.12
PE51049	Panel Antenna, 371mm sq. X 40mm, SMA Female	2400-2500	19 dBi	6W	175.10	162.84	150.59	140.08
PE51043	Panel Antenna, 216mm X 216mm X 25mm, N Female	2500-2700	14 dBi	100W	148.60	138.20	127.80	118.88
PE51046	Panel Antenna, 165mm X 165mm X 42mm, N Female	3400-3600	16 dBi	100W	153.90	143.13	132.35	123.12
PE51047	Panel Antenna, 268mm X 268mm X 22mm, N Female	3400-3600	18 dBi	100W	175.10	162.84	150.59	140.08
PE51048	Panel Antenna, 320mm X 320mm X 25mm, N Female	3400-3600	20 dBi	100W	196.35	182.61	168.86	157.08
PE51053	Panel Antenna, 306mm X 306mm X 40mm, SMA Male	5150-5850	23 dBi	100W	145.35	135.18	125.00	116.28
PE51045	Panel Antenna, 268mm X 268mm X 25mm, N Female	5150-5850	21 dBi	100W	143.25	133.22	123.20	114.60
PE51044	Panel Antenna, 320mm X 320mm X 25mm, N Female	5150-5850	23 dBi	100W	148.60	138.20	127.80	118.88
PE51024	Outdoor ISM & RFID Antenna, RHCP, 260mm X 260mm X 44mm, N Female	902-928	8.5 dBi	50W	169.80	157.91	146.03	135.84
PE51025	Outdoor ISM & RFID Antenna, LHCP, 260mm X 260mm X 44mm, N Female	902-928	8.5 dBi	50W	169.80	157.91	146.03	135.84
PE51023	Outdoor ISM & RFID Vertical Polarization Antenna, 260mm X 260mm X 44mm, N Female	902-928	9 dBi	50W	169.80	157.91	146.03	135.84
PE51019	Directional Panel Outdoor Antenna, with 1 foot RG58 Coaxial Cable attached, 127.38mm X 137.16mm X 38.1mm	2300-2500	9 dBi	20W				
PE51019-1	PE51019 terminated with SMA Male connector	2300-2500	9 dBi	20W	62.70	58.31	53.92	50.16
PE51019-2	PE51019 terminated with SMA Female connector	2300-2500	9 dBi	20W	62.70	58.31	53.92	50.16
PE51019-3	PE51019 terminated with N Male connector	2300-2500	9 dBi	20W	62.70	58.31	53.92	50.16
PE51019-4	PE51019 terminated with N Female connector	2300-2500	9 dBi	20W	62.70	58.31	53.92	50.16
PE51050	Directional Panel Antenna, 190mm sq. X 30mm, ABS UV Radome, N Female	5725-5850	19 dBi	50W	191.00	177.63	164.26	152.80
PE51051	Directional Panel Antenna, 306mm sq. X 20mm, ABS UV Radome, N Female	5725-5850	22 dBi	20W	212.30	197.44	182.58	169.84
PE51052	Directional Panel Antenna, 306mm sq. X 20mm, ABS UV Radome, SMA Female	5725-5850	22 dBi	20W	235.60	219.11	202.62	188.48

Antennas

NEW DOME ANTENNAS



See Our Website For Current Stock Availability!

Model No.	Description	Frequency (MHz)	Gain	Power (MAX.)	P R I C E			
					1-24	25-49	50-99	100 +
PE51131	Mini Dome Antenna, White Radome, 960mm Dia. X 40.29mm SMA Female	2350-2500	4.2 dBi	30W	\$142.20	\$132.25	\$122.29	\$113.76
PE51132	Mini Dome Antenna, Grey Radome, 960mm Dia. X 40.29mm SMA Female	2350-2500	4.2 dBi	30W	142.20	132.25	122.29	113.76
PE51106	Dome in Ceiling Mount Antenna, 167mm dia. X 80mm with 6.5 Inches RG58-P Coaxial Cable attached	700-2500	3 dBi	100W				
PE51106-1	PE51106 terminated with N Female connector	700-2500	3 dBi	100W	27.75	25.81	23.87	22.20
PE51106-2	PE51106 terminated with SMA Male connector	700-2500	3 dBi	100W	27.75	25.81	23.87	22.20
PE51106-3	PE51106 terminated with SMA Female connector	700-2500	3 dBi	100W	27.75	25.81	23.87	22.20
PE51106-4	PE51106 terminated with TNC Male connector	700-2500	3 dBi	100W	27.75	25.81	23.87	22.20
PE51059	Dome in Ceiling Mount Antenna, 220mm sq. X 103mm, N Female	800-3000	3-6.5 dBi	100W	250.45	232.92	215.39	200.36
PE51057	Omni Dome Antenna, 205mm Dia. X 96mm, N Female	800-3000	3-6.5 dBi	25W	152.85	142.15	131.45	122.28
PE51058	Dome Directional Antenna, 205mm Dia. X 96mm, N Female	800-3000	6-9 dBi	100W	239.85	223.06	206.27	191.88
PE51098	Dome in Ceiling Mount Antenna, 170mm dia. X 90mm with 10 Inches RG58C/U Coaxial Cable attached	800-960 / 1710-2500	2,5 dBi	50W				
PE51098-1	PE51098 terminated with SMA Male connector	800-960 / 1710-2500	2,5 dBi	50W	53.45	49.71	45.97	42.76
PE51098-2	PE51098 terminated with SMA Female connector	800-960 / 1710-2500	2,5 dBi	50W	53.45	49.71	45.97	42.76
PE51098-3	PE51098 terminated with N Female connector	800-960 / 1710-2500	2,5 dBi	50W	53.45	49.71	45.97	42.76
PE51098-4	PE51098 terminated with TNC Male connector	800-960 / 1710-2500	2,5 dBi	50W	53.45	49.71	45.97	42.76
PE51093	Dome in Ceiling Dual Band Antenna, 184mm Dia. X 105mm, N Female	800-960 / 1710-2500	3 dBi	50W	36.05	33.53	31.00	28.84
PE51096	Omni Directional Dome in Ceiling Dual Band Antenna, 186mm Dia. X 80mm, N Female	806-960 / 1710-2500	3 dBi	50W	53.00	49.29	45.58	42.40

Antennas



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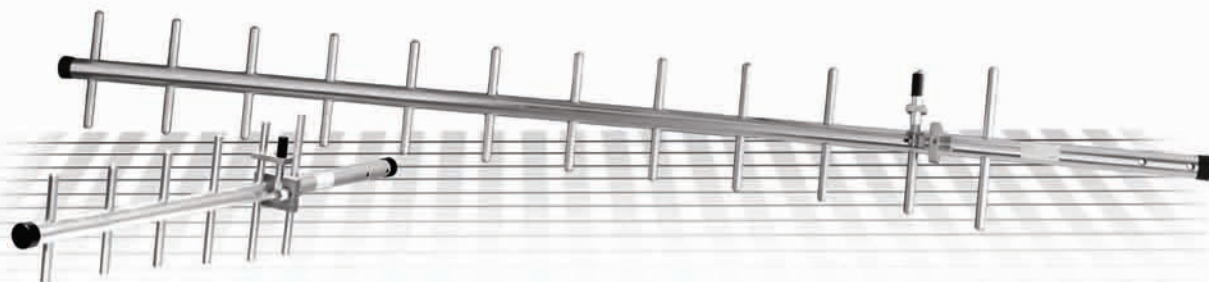


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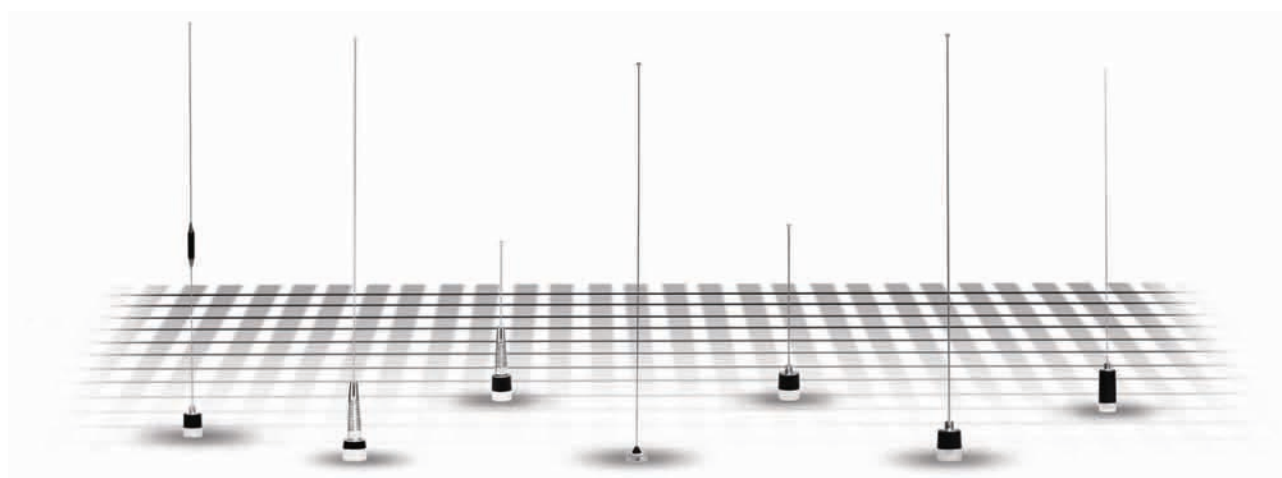
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NEW YAGI ANTENNAS



Model No.	Description	Frequency (MHz)	Gain	Power (MAX.)	P R I C E			
					1-24	25-49	50-99	100 +
PE51011	YAGI Antenna, 9 dB, Tuned to 930 MHz, N FEMALE	890 - 960	9 dB	150W	\$108.20	\$100.63	\$93.05	\$86.56
PE51012	YAGI Antenna, 11 dB, Tuned to 930 MHz, N FEMALE	890 - 960	11 dB	150W	170.90	158.94	146.97	136.72

NEW LAND MOBILE RADIO ANTENNAS



Model No.	Description	Frequency (MHz)	Gain	Power (MAX.)	P R I C E			
					1-24	25-49	50-99	100 +
PE51060	Colinear Whip Antenna, UHF Male Connector	474.5-479.5	5.5 dBi	25W	\$97.65	\$90.81	\$83.98	\$78.12
PE51000	Mobile Antenna, Heavy Duty Base, Loaded $\frac{1}{2}$ wave, NMO MOUNT	40 - 47	Unity	200W	43.50	40.46	37.41	34.80
PE51001	Mobile Antenna, Field Tunable $\frac{1}{2}$ wave, NMO Mount	118 - 940	Unity	150W	11.60	10.79	9.98	9.28
PE51002	Wideband Mobile Antenna, 20MHz BW @ 2:1 VSWR, NMO Mount	132 - 174	2.4dB	150W	54.10	50.31	46.53	43.28
PE51003	Wideband Mobile Antenna, Field Tunable $\frac{1}{2}$ wave, NMO Mount	132 - 512	Unity	200W	39.20	36.46	33.71	31.36
PE51004	Mobile Base Loaded $\frac{1}{2}$ wave Antenna, Field Tunable, No GP, NMO Mount	132 - 174	2.4dB*	200W	39.20	36.46	33.71	31.36
PE51005	Wideband Mobile Antenna, 80MHz BW @ 2:1 VSWR, No GP, NMO Mount	380 - 460	2.0dB*	150W	52.00	48.36	44.72	41.60
PE51006	Wideband Mobile Antenna, 106MHz BW @ 2:1 VSWR, No GP, NMO Mount	406 - 512	2.0dB*	150W	64.75	60.22	55.69	51.80
PE51007	Wideband Mobile Antenna, 40MHz BW @ 2:1 VSWR, No GP, NMO Mount	440 - 480	4.5dB	150W	57.25	53.24	49.24	45.80

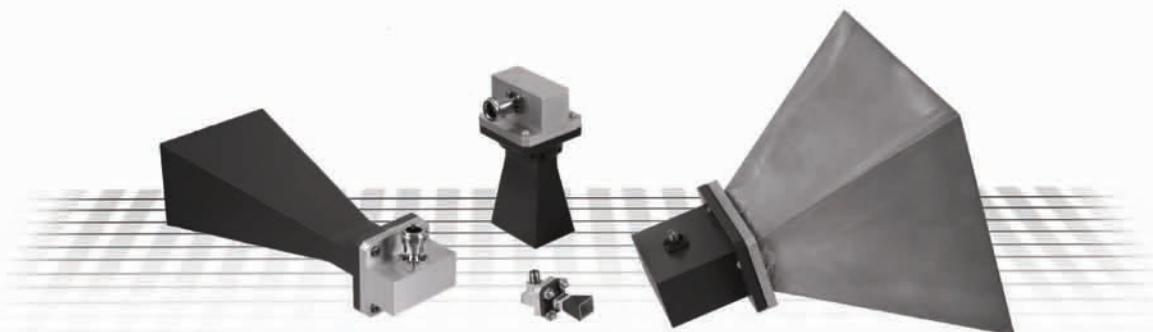
*Note: Gain shown with a ground plane GP; without ground plane gain is Unity

See Page 240 & 241 for Mounts & Cable Assemblies

See Our Website For Current Stock Availability!

Antennas

NEW STANDARD GAIN HORNS



See Our Website For Current Stock Availability!

*SMA/2.92mm CONNECTOR MODEL NO.	*N CONNECTOR MODEL NO.	WAVEGUIDE SIZE	FREQUENCY RANGE (DC TO GHz)	GAIN	P R I C E	
					1-4	5-9
PE9850/2F-10	N/A	WR28	26.50-40.00	10 dB	\$1234.60	\$1148.18
PE9850/2F-15	N/A	WR28	26.50-40.00	15 dB	1279.35	1189.80
PE9850/2F-20	N/A	WR28	26.50-40.00	20 dB	1312.85	1220.95
PE9851/2F-10	N/A	WR34	22.00-33.00	10 dB	1235.45	1148.97
PE9851/2F-15	N/A	WR34	22.00-33.00	15 dB	1280.25	1190.63
PE9851/2F-20	N/A	WR34	22.00-33.00	20 dB	1313.85	1221.88
PE9852/2F-10	N/A	WR42	18.00-26.50	10 dB	1039.50	966.74
PE9852/2F-15	N/A	WR42	18.00-26.50	15 dB	1084.25	1008.35
PE9852/2F-20	N/A	WR42	18.00-26.50	20 dB	1117.85	1039.60
PE9853/SF-10	N/A	WR51	15.00-22.00	10 dB	1074.70	999.47
PE9853/SF-15	N/A	WR51	15.00-22.00	15 dB	1119.45	1041.09
PE9853/SF-20	N/A	WR51	15.00-22.00	20 dB	1153.00	1072.29
PE9854/SF-10	PE9854/NF-10	WR62	12.40-18.00	10 dB	848.75	789.34
PE9854/SF-15	PE9854/NF-15	WR62	12.40-18.00	15 dB	882.35	820.59
PE9854/SF-20	PE9854/NF-20	WR62	12.40-18.00	20 dB	915.90	851.79
PE9855/SF-10	PE9855/NF-10	WR75	10.00-15.00	10 dB	836.10	777.57
PE9855/SF-15	PE9855/NF-15	WR75	10.00-15.00	15 dB	869.70	808.82
PE9855/SF-20	PE9855/NF-20	WR75	10.00-15.00	20 dB	903.30	840.07
PE9856/SF-10	PE9856/NF-10	WR90	8.20-12.40	10 dB	839.15	780.41
PE9856/SF-15	PE9856/NF-15	WR90	8.20-12.40	15 dB	872.65	811.56
PE9856/SF-20	PE9856/NF-20	WR90	8.20-12.40	20 dB	906.25	842.81
PE9857/SF-10	PE9857/NF-10	WR102	7.00-11.00	10 dB	928.65	863.64
PE9857/SF-15	PE9857/NF-15	WR102	7.00-11.00	15 dB	973.40	905.26
PE9857/SF-20	PE9857/NF-20	WR102	7.00-11.00	20 dB	1006.95	936.46
PE9858/SF-10	PE9858/NF-10	WR112	7.05-10.00	10 dB	872.70	811.61
PE9858/SF-15	PE9858/NF-15	WR112	7.05-10.00	15 dB	917.50	853.28
PE9858/SF-20	PE9858/NF-20	WR112	7.05-10.00	20 dB	951.10	884.52
PE9859/SF-10	PE9859/NF-10	WR137	5.85-8.20	10 dB	984.60	915.68
PE9859/SF-15	PE9859/NF-15	WR137	5.85-8.20	15 dB	1023.30	951.67
PE9859/SF-20	PE9859/NF-20	WR137	5.85-8.20	20 dB	1062.95	988.54
PE9860/SF-10	PE9860/NF-10	WR159	4.90-7.05	10 dB	1144.05	1063.97
PE9860/SF-15	PE9860/NF-15	WR159	4.90-7.05	15 dB	1200.00	1116.00
PE9860/SF-20	PE9860/NF-20	WR159	4.90-7.05	20 dB	1255.95	1168.03
PE9861/SF-10	PE9861/NF-10	WR187	3.95-5.85	10 dB	1286.70	1196.63
PE9861/SF-15	PE9861/NF-15	WR187	3.95-5.85	15 dB	1413.10	1314.18
PE9861/SF-20	PE9861/NF-20	WR187	3.95-5.85	20 dB	1445.55	1344.36
PE9862/SF-10	PE9862/NF-10	WR229	3.30-4.90	10 dB	1202.80	1118.60
PE9862/SF-15	PE9862/NF-15	WR229	3.30-4.90	15 dB	1286.65	1196.58
PE9862/SF-20	PE9862/NF-20	WR229	3.30-4.90	20 dB	1594.45	1482.84
PE9863/SF-10	PE9863/NF-10	WR284	2.60-3.95	10 dB	1566.50	1456.85
PE9863/SF-15	PE9863/NF-15	WR284	2.60-3.95	15 dB	1734.30	1612.90
PE9863/SF-20	PE9863/NF-20	WR284	2.60-3.95	20 dB	2181.90	2029.17
PE9864/SF-10	PE9864/NF-10	WR430	1.70-2.60	10 dB	2105.70	1958.30
PE9864/SF-15	PE9864/NF-15	WR430	1.70-2.60	15 dB	2601.55	2419.44
PE9864/SF-20	PE9864/NF-20	WR430	1.70-2.60	20 dB	3860.85	3590.59

***NOTES:**

/SF=SMA FEMALE
/2F=2.92mm FEMALE
/NF=N FEMALE

Antennas



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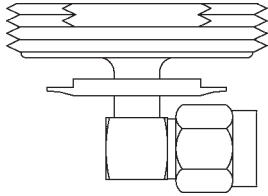
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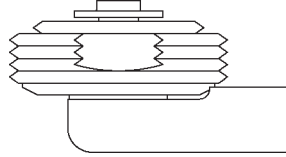
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ANTENNA MOUNTS AND CABLE ASSEMBLIES

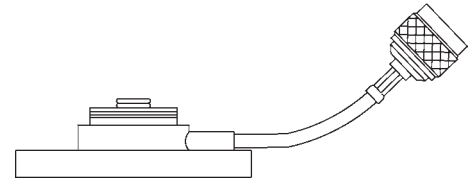
FOR BASE STATIONS and LAND MOBILE RADIO APPLICATIONS



PE51020



PE51021



PE51022

See Our Website For Current Stock Availability!

Model No.	Description	Frequency (MHz)	P R I C E			
			1-24	25-49	50-99	100 +
PE51020	NMO Crimp Mount, for Antennas over 1 GHz, SMA Connector	DC - 5800	\$30.75	\$28.60	\$26.45	\$24.60
PE51021	NMO Mount, no cable or connector (See cable assemblies below)	DC - 1000	8.85	8.23	7.61	7.08
PE51022	NMO Magnetic Mount, with 12 foot RG58 Coaxial Cable	DC - 2400				
PE51022-1	PE51022 terminated with SMA Male connector	DC - 2400	43.85	40.78	37.71	35.08
PE51022-2	PE51022 terminated with SMA Female connector	DC - 2400	43.85	40.78	37.71	35.08
PE51022-3	PE51022 terminated with N Male connector	DC - 2400	43.85	40.78	37.71	35.08
PE51022-4	PE51022 terminated with N Female connector	DC - 2400	43.85	40.78	37.71	35.08
PE51022-5	PE51022 terminated with FME Female connector	DC - 2400	43.85	40.78	37.71	35.08
PE51022-6	PE51022 terminated with BNC Male connector	DC - 2400	43.85	40.78	37.71	35.08
PE51022-7	PE51022 terminated with BNC Female connector	DC - 2400	43.85	40.78	37.71	35.08
PE51022-8	PE51022 terminated with TNC Male connector	DC - 2400	43.85	40.78	37.71	35.08
PE51022-9	PE51022 terminated with TNC Female connector	DC - 2400	43.85	40.78	37.71	35.08
PE51022-10	PE51022 terminated with Mini-UHF Male connector	DC - 2400	43.85	40.78	37.71	35.08
PE51022-11	PE51022 terminated with Mini-UHF Female connector	DC - 2400	43.85	40.78	37.71	35.08
PE51022-12	PE51022 terminated with Reverse Polarity SMA Male connector	DC - 2400	44.25	41.15	38.06	35.40
PE51022-13	PE51022 terminated with PL-259 UHF connector	DC - 1000	44.25	41.15	38.06	35.40
Need a different connector? Call for same-day shipping!			Same-Day Shipping / Call for Pricing			

ANTENNA MOUNT (NMO) CABLE ASSEMBLIES

NMO MOUNT REQUIRES 3/4" HOLE; 1-1/8"-18 THREAD, AND INSTALLS FROM ABOVE.

ALL CABLE ASSEMBLIES SHOWN ARE RATED UP TO 1 GHz AT 50 Ω.

Antennas

NMO MOUNT TO SMA MALE, 1 GHz, RG58C/U



Model No.	Length	P R I C E			
		1-24	25-49	50-99	100 +
PE37840-60	60in (5ft)	\$31.00	\$28.83	\$26.66	\$24.80
PE37840-120	120in (10ft)	36.10	33.57	31.05	28.88
PE37840-180	180in (15ft)	38.70	35.99	33.28	30.96
PE37840-XX	Any	Same-Day Shipment / Call for Pricing			

NMO MOUNT TO SMA FEMALE, 1 GHz, RG58C/U



Model No.	Length	P R I C E			
		1-24	25-49	50-99	100 +
PE37841-60	60in (5ft)	\$39.45	\$36.69	\$33.93	\$31.56
PE37841-120	120in (10ft)	42.05	39.11	36.16	33.64
PE37841-180	180in (15ft)	44.65	41.52	38.40	35.72
PE37841-XX	Any	Same-Day Shipment / Call for Pricing			

****CONTINUED ON NEXT PAGE****

ANTENNA MOUNT (NMO) CABLE ASSEMBLIES

NMO MOUNT REQUIRES 3/4" HOLE; 1-1/8"-18 THREAD, AND INSTALLS FROM ABOVE.
ALL CABLE ASSEMBLIES SHOWN ARE RATED UP TO 1 GHz AT 50 Ω.

NMO MOUNT TO FME PLUG, 1 GHz, RG58C/U



Model No.	Length	P R I C E			
		1-24	25-49	50-99	100 +
PE37842-60	60in (5ft)	\$33.65	\$31.29	\$28.94	\$26.92
PE37842-120	120in (10ft)	36.25	33.71	31.18	29.00
PE37842-180	180in (15ft)	38.85	36.13	33.41	31.08
PE37842-XX	Any	Same-Day Shipment / Call for Pricing			

NMO MOUNT TO FME JACK, 1 GHz, RG58C/U



Model No.	Length	P R I C E			
		1-24	25-49	50-99	100 +
PE37843-60	60in (5ft)	\$30.80	\$28.64	\$26.49	\$24.64
PE37843-120	120in (10ft)	33.40	31.06	28.72	26.72
PE37843-180	180in (15ft)	36.00	33.48	30.96	28.80
PE37843-XX	Any	Same-Day Shipment / Call for Pricing			

NMO MOUNT TO BNC MALE, 1 GHz, RG58C/U



Model No.	Length	P R I C E			
		1-24	25-49	50-99	100 +
PE37844-60	60in (5ft)	\$29.80	\$27.71	\$25.63	\$23.84
PE37844-120	120in (10ft)	32.40	30.13	27.86	25.92
PE37844-180	180in (15ft)	35.00	32.55	30.10	28.00
PE37844-XX	Any	Same-Day Shipment / Call for Pricing			

NMO MOUNT TO BNC FEMALE, 1 GHz, RG58C/U



Model No.	Length	P R I C E			
		1-24	25-49	50-99	100 +
PE37845-60	60in (5ft)	\$31.05	\$28.88	\$26.70	\$24.84
PE37845-120	120in (10ft)	33.65	31.29	28.94	26.92
PE37845-180	180in (15ft)	36.25	33.71	31.18	29.00
PE37845-XX	Any	Same-Day Shipment / Call for Pricing			

NMO MOUNT TO MINI UHF MALE, 1 GHz, RG58C/U



Model No.	Length	P R I C E			
		1-24	25-49	50-99	100 +
PE37846-60	60in (5ft)	\$29.60	\$27.53	\$25.46	\$23.68
PE37846-120	120in (10ft)	32.20	29.95	27.69	25.76
PE37846-180	180in (15ft)	34.80	32.36	29.93	27.84
PE37846-XX	Any	Same-Day Shipment / Call for Pricing			

NMO MOUNT TO MINI UHF FEMALE, 1 GHz, RG58C/U



Model No.	Length	P R I C E			
		1-24	25-49	50-99	100 +
PE37847-60	60in (5ft)	\$33.65	\$31.29	\$28.94	\$26.92
PE37847-120	120in (10ft)	36.25	33.71	31.18	29.00
PE37847-180	180in (15ft)	38.85	36.13	33.41	31.08
PE37847-XX	Any	Same-Day Shipment / Call for Pricing			

NMO MOUNT TO TNC MALE, 1 GHz, RG58C/U



Model No.	Length	P R I C E			
		1-24	25-49	50-99	100 +
PE37848-60	60in (5ft)	\$33.05	\$30.74	\$28.42	\$26.44
PE37848-120	120in (10ft)	35.65	33.15	30.66	28.52
PE37848-180	180in (15ft)	38.25	35.57	32.90	30.60
PE37848-XX	Any	Same-Day Shipment / Call for Pricing			

NMO MOUNT TO TNC FEMALE, 1 GHz, RG58C/U



Model No.	Length	P R I C E			
		1-24	25-49	50-99	100 +
PE37849-60	60in (5ft)	\$35.35	\$32.88	\$30.40	\$28.28
PE37849-120	120in (10ft)	37.95	35.29	32.64	30.36
PE37849-180	180in (15ft)	40.55	37.71	34.87	32.44
PE37849-XX	Any	Same-Day Shipment / Call for Pricing			

NMO MOUNT TO N MALE, 1 GHz, RG58C/U



Model No.	Length	P R I C E			
		1-24	25-49	50-99	100 +
PE37850-60	60in (5ft)	\$35.50	\$33.02	\$30.53	\$28.40
PE37850-120	120in (10ft)	38.10	35.43	32.77	30.48
PE37850-180	180in (15ft)	40.70	37.85	35.00	32.56
PE37850-XX	Any	Same-Day Shipment / Call for Pricing			

NMO MOUNT TO N FEMALE, 1 GHz, RG58C/U



Model No.	Length	P R I C E			
		1-24	25-49	50-99	100 +
PE37851-60	60in (5ft)	\$36.60	\$34.04	\$31.48	\$29.28
PE37851-120	120in (10ft)	39.20	36.46	33.71	31.36
PE37851-180	180in (15ft)	41.80	38.87	35.95	33.44
PE37851-XX	Any	Same-Day Shipment / Call for Pricing			

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International Orders:

In addition to the United States and its territories, Pasternack accepts international orders. All orders of international origin are exported from the US in accordance with the Export Administration Regulations. Diversion contrary to US Law is prohibited. Please see Pasternack's Binding Terms and Conditions of Sale for full details.

Pasternack has international distributors for the following countries:
Asia: Australia, China PRC, Indonesia, Japan, Korea, Malaysia, New Zealand, Singapore, Taiwan, Thailand
Europe: Czech Republic, Denmark, Finland, France, Germany, Ireland, Italy, Norway, Slovakia, Sweden, Switzerland, Turkey, United Kingdom
Middle East: Israel

To access their complete contact information, please see our International Distributors section in this catalog.

International Shipping Charges:

Shipping or freight charges and insurance will be paid by the customer. All sales are made FOB Point (as defined by the INCOTERMS 2000) in Irvine, CA USA. We ship orders by UPS, FedEx (with an approved account number), or DHL (with approved account number) with delivery in 2 to 3 days to most locations worldwide.

International Taxes and Duties:

Customer is responsible for duties and taxes.

PASTERNAK ENTERPRISES RoHS COMPLIANCE PROGRAM

Lead-free solder is now available for all cable assemblies upon request or online at www.Pasternack.com.

What is RoHS Compliance?

The European Union set forth the RoHS (Restriction of Hazardous Substances) Directive to establish environmental guidelines and legislation to reduce the presence of six (6) materials deemed hazardous to the environment. To comply, products entering the EU must not have a homogeneous presence of these materials above the following levels by weight percentage:

- Lead (Pb) < 0.1%
- Mercury (Hg) < 0.1%
- Cadmium (Cd) < 0.01%
- Hexavalent Chromium (CrVI) < 0.1%
- Polybrominated Biphenyls (PBB) < 0.1%
- Polybrominated Diphenyl Esters (PBDE) < 0.1%

At Pasternack, we recognize our responsibility as a supplier of coax connectors, cable assemblies, and components used within electronic-based systems and products that are targeted for RoHS compliance. We are fully committed to offering RoHS compliance on the majority of our products. We have completed a comprehensive evaluation and analysis program both internally and with our suppliers to establish and publish RoHS compliant statements for our products on our website.

Determining Pasternack RoHS Compliance

To determine if the product in our catalog is RoHS Compliant, please first refer to our website at www.Pasternack.com. For each part, we show an indicator of compliance using this symbol:



All products displaying this symbol on our website have been certified as RoHS Compliant. Click on this symbol to view the Certificate of RoHS Compliance for this product.

We recognize that you may have specific questions regarding RoHS certification on Pasternack's components and products. We will be happy to process all such requests as quickly as possible. Please direct any such requests to Pasternack Enterprises Technical Support via email at TechSupport@Pasternack.com or by calling Toll-Free within North America at 1-866-PASTERNAK (866-727-8376). International customers, please use +1-949-261-1920.

Methods Determining RoHS Compliance

RoHS Compliance is determined by a combination of supplier certification and engineering design verification. In most cases, Pasternack's products were determined to be RoHS Compliant. In many cases, the Compliance was through a stated Exemption to the RoHS Directive. As a supplier of coaxial connectors, adapters, and RF components, Pasternack uses materials such as Brass and Stainless Steel which contain lead as a percentage of weight above the 0.1% threshold, but are allowed through the Exemptions as of the October 21st, 2005 RoHS Directive amendment. Pasternack uses these Exemptions to the RoHS Directive where applicable.

What are the Exemptions?

RoHS Directive text as of the Oct 21st, 2005 amendment is underlined, and how it applies to Pasternack products is indicated below each Exemption.

ANNEX to ROHS DIRECTIVE 2002/95/EC

"Applications of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) which are exempted from the requirements of Article 4(1)":

5. Lead in glass of cathode ray tubes, electronic components and fluorescent tubes.

Some Pasternack products use resistive and/or dielectric inks that contain lead in a glass phase and fall under this exemption 5.

6. Lead as an alloying element in steel containing up to 0.35% lead by weight, aluminum containing up to 0.4% lead by weight and as a copper alloy containing up to 4% lead by weight.

Most Pasternack products use metal alloys that contain lead below the maximum concentration values specified under this exemption 6. Specifically: aluminum alloys, brass, stainless steel, beryllium copper and phosphor bronze.

7. Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signaling, transmission as well as network management for telecommunications.

All Pasternack coaxial cable assemblies are made using solder containing lead (unless lead-free solder is specified), and may be used in network infrastructure equipment and therefore would fall under this exemption 7. This exemption is application specific, however, and we therefore leave it up to our customer to determine whether this exemption applies to their application.

Pasternack has loaded new part numbers for cable assemblies using lead-free solder on our website, using the format PE3xxxLF-yy, where "xxx" identifies the part using the existing corresponding item number, and "yy" identifies the length in inches. For example, PE3067LF-24 is the same as PE3067-24 (BNC Male to BNC Male, RG58C/U), except it uses lead-free solder to be fully ROHS Compliant.



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TELEPHONE: (949) 261-1920 FAX: (949) 261-7451

CREDIT APPLICATION

APPLICATION **MUST BE COMPLETELY** FILLED OUT AND SIGNED BY AN OWNER, PARTNER OR CORPORATE OFFICER TO BE CONSIDERED FOR CREDIT!

COMPANY NAME: _____ WEBSITE: _____ DUNS # _____
ADDRESS: _____ PHONE: _____
CITY: _____ STATE: _____ ZIP CODE: _____ FAX: _____
TYPE OF BUSINESS: __Corporation __LLC __LLP __Partnership __Sole Proprietorship DATE OF INCORPORATION / ORGANIZATION: _____ AND STATE: ____
CREDIT LIMIT REQUESTED: _____ GROSS SALES FOR LAST 12 MONTHS: _____ NUMBER OF EMPLOYEES: _____
BRIEF DESCRIPTION OF BUSINESS: _____

OWNER, PARTNER OR CORPORATE OFFICERS:

PRESIDENT / OWNER: _____ TITLE: _____ E-MAIL: _____
VP FINANCE / CFO: _____ TITLE: _____ E-MAIL: _____

BANK REFERENCE:

NAME: _____ BRANCH: _____ ACCOUNT NUMBER: _____
ADDRESS: _____ CITY: _____ STATE: _____ ZIP CODE: _____
OFFICER TO CONTACT: _____ PHONE: _____ E-MAIL: _____

TRADE REFERENCES FROM THE USA PREFERRED. PLEASE GIVE ZIP CODES AND LIST ACCOUNT AND FAX NUMBERS:

NAME: _____ PHONE: _____
ADDRESS: _____ FAX: _____
CITY: _____ STATE: _____ ZIP: _____ ACCT. # _____
CONTACT NAME: _____ EMAIL: _____

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ADDRESS: _____ FAX: _____
CITY: _____ STATE: _____ ZIP: _____ ACCT. # _____
CONTACT NAME: _____ EMAIL: _____

NAME: _____ PHONE: _____
ADDRESS: _____ FAX: _____
CITY: _____ STATE: _____ ZIP: _____ ACCT. # _____
CONTACT NAME: _____ EMAIL: _____

IN CONSIDERATION OF PASTERNAK ENTERPRISES, INC. GRANTING CREDIT, WE AGREE TO THE FOLLOWING:

- 1) WE WILL PAY ALL INVOICES IN ACCORDANCE WITH PASTERNAK ENTERPRISES, INC.'S STANDARD TERMS AND CONDITIONS IN EFFECT. WE SPECIALLY AGREE TO PAY INTEREST AT THE GREATER OF 1.5% PER MONTH OR THE MAXIMUM RATE ALLOWED BY LAW ON ALL UNPAID INVOICES AFTER THIRTY (30) DAYS FROM THE INVOICE DATE.
- 2) WE DO ACCEPT PASTERNAK ENTERPRISES, INC.'S STANDARD TERMS AND CONDITIONS OF SALE, REGARDLESS OF ANY TERMS AND CONDITIONS SHOWN ON OUR PURCHASE ORDERS.
- 3) SHOULD THIS ACCOUNT EVER BECOME DELINQUENT AND IT BE NECESSARY TO EMPLOY AN ATTORNEY TO COLLECT OR COMMENCE SUIT TO ENFORCE PAYMENT, WE AGREE TO PAY A REASONABLE ADDITIONAL SUM AS ATTORNEY'S FEES AND TO PAY COSTS OF SUCH SUIT.
- 4) IT IS EXPRESSLY AGREED THAT ALL OBLIGATIONS OF THE PARTIES CREATED HEREIN ARE TO BE PERFORMED IN IRVINE (ORANGE COUNTY), CALIFORNIA, U.S.A. AND THAT THE COURTS OF ORANGE COUNTY, CALIFORNIA HAVE JURISDICTION OVER ANY ACTION TO ENFORCE COLLECTION OF THIS ACCOUNT.

OWNER, PARTNER OR CORPORATE OFFICER'S NAME _____ TITLE _____
SIGNATURE _____ DATE _____

BINDING TERMS AND CONDITIONS OF SALE

The following are the terms and conditions ("Terms and Conditions") for the sale of products ("Products") by Pasternack Enterprises, Inc. ("Pasternack") to Pasternack's customers ("Customers"). Please read this agreement carefully. Any different or additional terms set forth in customer's purchase order or similar communication are objected to and shall not be binding on the company unless a separate agreement has been signed by an authorized officer of the company. By placing an order for products from the company, or by accepting delivery of the products described on the applicable packing slip, bill of lading and/or invoice received with the products, you agree to be bound by and accept these terms and conditions of sale.

1. ACCEPTANCE AND CANCELLATION OF ORDERS

All orders are subject to acceptance by Pasternack in writing by a duly authorized agent of Pasternack; any written acknowledgement of receipt of an order shall not, in and of itself, constitute such acceptance. Orders accepted and processed by Pasternack may not be cancelled by Customer except as covered by the Limited Warranty, all sales are final. Cable Assemblies and Non-Standard Products are also Non-Cancelable/Non-Refundable ("NC/NR"). Non-Standard Parts are defined as Products which are special orders, custom orders, orders for non-standard products, products not customarily in stock or orders for value-added products. In the event of cancellation or other withdrawal of an order for any reason and without limiting any other remedy which Pasternack may have as a result of such cancellation or other withdrawal, reasonable cancellation or restocking charges, which shall include all expenses then incurred and commitments made by Pasternack, shall be paid by Customer to Pasternack. Customer requests to reschedule are subject to acceptance by Pasternack in its sole discretion. Orders may not be rescheduled after the order has been submitted by Pasternack to the shipment carrier.

2. PRICES

Orders are billed at the prices (in US dollars) in effect at the time of shipment. Prices will be as specified by Pasternack and will be applicable for the period specified in Pasternack's quote. If no period is specified, quoted prices will be applicable for thirty (30) days. The catalog reflects the latest pricing information available at the time of printing. Prices shown in the catalog are subject to change without notice. Prices are subject to change in the event of a change in Pasternack's costs or other circumstances beyond Pasternack's reasonable control. Prices are exclusive of taxes, impositions and other charges, including: sales, use, excise, value added and similar taxes or charges imposed by any government authority, international shipping charges, forwarding agent's and broker's fees, bank fees, consular fees, document fees and import duties.

3. TERMS OF PAYMENT

All payments must be in US Dollars, or will be converted to US Dollars using the available exchange rate at the time of purchase.

Credit cards accepted are MasterCard, VISA, Discover, and American Express credit cards, purchase cards and major bank debit cards. Payment via net thirty (30) days is available to businesses, schools and agencies or as otherwise specified by Pasternack subject to approved credit.

For International Orders

Credit cards accepted are MasterCard, VISA, and American Express. Payment via open credit account with Net thirty (30) days can be established for companies having three U.S. references. Prepaid Wire Transfer: You can wire the funds to our bank. We will contact you with the total amount which will include shipping charges and a \$40 wire transfer fee. Orders will not be accepted until funds have been received in full and Purchase Order (PO) has been received. Customer is responsible for duties and taxes.

4. SALES TAX

Only California residents need to remit sales tax. Pasternack does not remit sales tax to states other than California. Any sales tax due that is not collected by Pasternack is the responsibility of the customer.

5. TOLERANCES

All coaxial cable assemblies displayed in the Pasternack catalog and website have a standard cable length tolerance of $\pm 1.5\%$ or $\frac{3}{16}$ inches (0.375"), whichever is greater. Cable Assemblies in excess of this tolerance factor are eligible for repair and / or replacement under the terms of the Pasternack Limited Warranty.

6. DELIVERY AND TITLE

Shipping or freight charges and insurance will be paid by the customer. All sales are made FCA Shipping Point (as defined by the INCOTERMS 2000) in Irvine, CA USA. Shipping or freight charges from Pasternack's Irvine, CA facility are prepaid and added to the invoice, or billed collect. Subject to Pasternack's right of stoppage in transit, delivery of the Products to the carrier will constitute delivery to Customer and title and risk of loss will pass to Customer. Pasternack will make reasonable efforts to initiate shipment and schedule delivery as close as possible to Customer's requested delivery date(s). Customer acknowledges that delivery dates provided by Pasternack are estimates only and that Pasternack will not be liable for failure to deliver on such dates. Selection of the carrier and delivery route will be made by Pasternack unless specifically designated by Customer. Pasternack reserves the right to make deliveries in installments. Delay in delivery of one installment will not entitle Customer to cancel any other installment(s). Delivery of any installment of Products within thirty (30) days after the date requested will constitute a timely delivery. Delivery of a quantity which varies from the quantity specified shall not relieve Customer of the obligation to accept delivery and pay for the Products delivered.

7. PASTERNAK'S LIMITED WARRANTY

All products are covered by a LIMITED WARRANTY for a period of ninety (90) days from the date of shipment when purchased from Pasternack Enterprises, Inc. Customer must notify Pasternack within 90 days from date of shipment of any defective product. An approved Return Materials Authorization (RMA) number must first be obtained from Pasternack prior to the return of any merchandise to Pasternack for inspection under warranty. Shipping charges for all materials returned under this Limited Warranty are to be prepaid by the Customer. This warranty is limited to the original purchaser. Pasternack's liability arising out of any sale of products to Customer is expressly limited to either (1) Credit for the purchase price paid by Customer for such products (without interest), or (2) Repair and/or replacement of such products, found to be defective after inspection by Pasternack, and such remedies shall be exclusive and in lieu of all others. This warranty is in lieu of any and all other warranties, whether oral, written, expressed, implied or statutory. Further, no warranty will apply if the Product has been subject to misuse, neglect, accident or modification, or has been soldered or altered in any way.

All returns must be shipped to: Pasternack Enterprises, Inc.
17802 Fitch
Irvine, CA 92614 USA

8. LIMITATION OF LIABILITIES

In no event shall Pasternack be liable for any special, incidental or consequential damages of any nature including, but not limited to, damages resulting from loss of profit or revenue, recall costs, claims for service interruptions or failure to supply downtime, testing, installations or removal costs, costs of substitute products, property damage, personal injury, death or legal expenses. Customer's recovery from Pasternack for any claim shall not exceed the purchase price paid by Customer for the goods, irrespective of the nature of the claim, whether in warrant, contract or otherwise. CUSTOMER SHALL INDEMNIFY, DEFEND AND HOLD PASTERNAK HARMLESS FROM ANY CLAIMS brought by any party regarding products supplied by Pasternack and incorporated into the customer's product.

9. STATEMENTS AND ADVICE

If statements or advice, technical or otherwise, are offered or given to Customer, such statements or advice will be deemed to be given as an accommodation to Customer and without charge and Pasternack shall have no responsibility or liability for the content or use of such statements or advice.

10. EXPORT CONTROL

Products purchased or received under these Terms and Conditions are subject to export control laws, restrictions, regulations and orders of the United States. Customer agrees to comply with all applicable export laws, restrictions and regulations of the United States or foreign agencies or authorities, and shall not export, or transfer for the purpose of re-export, any product to any prohibited or embargoed country, including but not limited to The Balkans, Belarus, Burma, Cote d'Ivoire, Cuba, the Democratic Republic of the Congo, Iran, Iraq, North Korea, Sudan, Syria, and Zimbabwe, or to any denied, blocked, or designated person or entity as mentioned in any such United States or foreign law or regulation. Customer represents and warrants that it is not on the Denied Persons, Specially Designated Nationals or Debarred Persons List (as identified by the U.S. Treasury Office of Foreign Asset Control (OFAC) and by the U.S. Department of Commerce, Bureau of Industry and Security (BIS)), or any other United States or other government list of prohibited persons; and otherwise prohibited by United States or other law from purchasing the products or services hereunder. Customer shall be solely responsible to obtain any license to export, re-export or import as may be required.

11. GENERAL

The Terms and Conditions may not be modified or cancelled without Pasternack's written agreement. Accordingly goods furnished and services rendered by Pasternack are sold only on the terms and conditions stated herein. The Terms and Conditions will be governed by and construed in accordance with the laws of the State of California and the applicable laws of the United States of America. If Customer chooses to access the Pasternack Web Site from outside the United States, Customer does so on their own initiative and is responsible for compliance with all applicable local laws.

12. INTELLECTUAL PROPERTY

The drawings, text, product depictions, logos, content, product descriptions, and organization and taxonomy of this catalog and of the described content within this catalog are proprietary to Pasternack and protected by intellectual property laws, including but not limited to United States Copyright law and United States Trademark law. Pasternack owns copyrights in these referenced works as well as the selection, arrangement, coordination and structure of the arranged content and works within this catalog. Use of this catalog does not give you any right to modify, reproduce, transmit, publish, publicly display, adapt, or create derivative works or in any way exploit any of the materials and content of this catalog.



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