

# LARSEN BROADBAND PRODUCT MATRIX

## Indoor Applications

Antenna Type	Frequency (MHz)	Gain (dBi)	Part Number	Antenna Description	Coax	Connector
Low Profile Multi Band	806-960/ 1710-2170	0/1.5	LP806/2170TNCLAR	Low Profile Black, 2" High	15' LMR-195	TNC Male
Omni Ceiling Multi Band	806-960/ 1710-2170	1.5/2.5	OC806/2170TNCLAR	Pentaband White Omni Directional Ceiling	8" Ø 0.089 FEG Dielectric (Blue)	TNC Male
Panel/Planar Array	1850-1990	10	PA2101850N	Dual Element Panel	N/A	N
Panel/Planar Array	2400-2485	14	PA4142400N	Quad Element Panel	3' UD, Black	N
Panel/Planar Array	2400-2500	15/14	R380.500.218	Horizontal Polarization	6.5" SHF-142, Black	N
Panel/Planar Array	4940-4990	21	R380.500.222	Vertical Polarization	8" SHF-142, Black	N
Panel/Planar Array	5725-5825	19	R380.700.203	Vertical Polarization	6.5" SHF-142, Black	N Female
Radome Omni Multi Band	806-960/ 1710-2170	4/4	RO806/2170TNCWA	16.5" Radome Omni	N/A	TNC Male
Radome Omni	2400-2485	4	RO2404NM	11.5" Radome Omni	N/A	N Male
Radome Omni	2400-2485	7.4	RO2474NM	16.5" Radome Omni	N/A	N Male
Radome Omni	2400-2500	6	RO2406NF	11.5" Radome Omni	N/A	N Female
Radome Omni	2400-2500	6	RO2406NM	11.5" Radome Omni	N/A	N Male
Radome Omni	2400-2500	8	RO2408NF	20" Radome Omni	N/A	N Female
Radome Omni	2400-2500	8	RO2408NM	20" Radome Omni	N/A	N Male
Radome Omni	4940-4990	10	RO4910NF	18" Radome Omni	N/A	N Female
Radome Omni	4940-4990	10	RO4910NM	18" Radome Omni	N/A	N Male
Radome Omni	5150-5350	6	RO5206NF	6.75" Radome Omni	N/A	N Female
Radome Omni	5150-5350	10	RO5210NF	16.5" Radome Omni	N/A	N Female
Radome Omni	5200-5350	10	RO5210NM	16.5" Radome Omni	N/A	N Male
Radome Omni	5470-5725	10	RO5410NM	16.5" Radome Omni	N/A	N Male
Radome Omni	5725-5875	6	RO5806NF	6.75" Radome Omni	N/A	N Female
Radome Omni	5725-5875	10	RO5810NF	16.5" Radome Omni	N/A	N Female
Radome Omni	5725-5875	10	RO5810NM	16.5" Radome Omni	N/A	N Male
Stealth Blade	806-890/ 1850-1999	2/2	R380.900.323	Tri Band SMR/CELL/PCS	10' RG-174, Black	FME
Stealth Blade	806-890/ 1850-1999	2/2	R380.900.334	Tri Band SMR/CELL/PCS	10' RG-174, Black	SMA
Swivel Mount Dipole Dual Band	2400-2500/ 4900-5900	1.6/5	R380.500.314	Swivel Mount Dipole	N/A	RPTNC
Swivel Mount Dipole Multi Band	806 -960/ 1710-2170	5	SPDA17806/2170LAR	Swivel Mount Dipole	N/A	TNC Male

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## Outdoor Applications

Antenna Type	Frequency (MHz)	Gain (dBi)	Part Number	Antenna Description	Coax	Connector
Fixed Base	806 - 866	5	FB35T800WA	Blade Base / Whip Only	N/A	N Female
Fixed Base	824 - 896	5	FB35T825WA	Blade Base / Whip Only	N/A	N Female
Fixed Base	890 - 960	5	FB35T900WA	Blade Base / Whip Only	N/A	N Female
Fixed Base	2400 - 2500	5	FB45T2400WA	Round Base / Whip Only	N/A	N Female
Panel/Planar Array	1850-1990	10	PA2101850N	Dual Element Panel	N/A	N
Panel/Planar Array	2400-2485	14	PA4142400N	Quad Element Panel	3' UD, Black	N
Panel/Planar Array	2400-2500	15/14	R380.500.218	Horizontal Polarization	6.5" SHF-142, Black	N
Panel/Planar Array	4940-4990	21	R380.500.222	Vertical Polarization	8" SHF-142, Black	N
Panel/Planar Array	5725-5825	19	R380.700.203	Vertical Polarization	6.5" SHF-142, Black	N Female
Radome Omni Multi Band	806-960/ 1710-2170	4/4	RO806/2170TNCWA	16.5" Radome Omni	N/A	TNC Male
Radome Omni	2400-2485	4	RO2404NM	11.5" Radome Omni	N/A	N Male
Radome Omni	2400-2485	7.4	RO2474NM	16.5" Radome Omni	N/A	N Male
Radome Omni	2400-2500	6	RO2406NF	11.5" Radome Omni	N/A	N Female
Radome Omni	2400-2500	6	RO2406NM	11.5" Radome Omni	N/A	N Male
Radome Omni	2400-2500	8	RO2408NF	20" Radome Omni	N/A	N Female
Radome Omni	2400-2500	8	RO2408NM	20" Radome Omni	N/A	N Male
Radome Omni	4940-4990	10	RO4910NF	18" Radome Omni	N/A	N Female
Radome Omni	4940-4990	10	RO4910NM	18" Radome Omni	N/A	N Male
Radome Omni	5150-5350	6	RO5206NF	6.75" Radome Omni	N/A	N Female
Radome Omni	5150-5350	10	RO5210NF	16.5" Radome Omni	N/A	N Female
Radome Omni	5200-5350	10	RO5210NM	16.5" Radome Omni	N/A	N Male
Radome Omni	5470-5725	10	RO5410NM	16.5" Radome Omni	N/A	N Male
Radome Omni	5725-5875	6	RO5806NF	6.75" Radome Omni	N/A	N Female
Radome Omni	5725-5875	10	RO5810NF	16.5" Radome Omni	N/A	N Female
Radome Omni	5725-5875	10	RO5810NM	16.5" Radome Omni	N/A	N Male
Yagi	740 - 806	8	YA6740W	4 Element Welded	N/A	N Female
Yagi	806 - 866	9/11	YA5800W	7 Element Welded	N/A	N Female
Yagi	806 - 866	8	YA6800W	4 Element Welded	N/A	N Female
Yagi	824 - 896	8	YA6825W	4 Element Welded	N/A	N Female
Yagi	824 - 896	9/11	YA5825W	7 Element Welded	N/A	N Female
Yagi	890 - 960	8	YA6900W	4 Element Welded	N/A	N Female
Yagi	890 - 960	11	YA5900W	7 Element Welded	N/A	N Female

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## Mobile (Vehicular) Applications

Antenna Type	Frequency (MHz)	Gain (dBi)	Part Number	Antenna Description	Coax	Connector
Elevated Feed	2400-2500	5 with ground plane	EF2405NMO	Black NMO Mounted Elevated Feed, Requires NMOHF Mount	Order Separately	N/A
Elevated Feed	4900-5000	5 with ground plane	EF4905NMO	Black NMO Mounted Elevated Feed, Requires NMOHF Mount	Order Separately	N/A
Low Profile Transit Multi Band	806-960/ 1710-2170/ 2400	-3/3 with ground plane	LPT825/19NMOHF	Black NMO Transit Style Multi Band for SMR/Cellular/PCS and 2.4 GHz Data Applications, Requires NMOHF Mount	Order Separately	N/A
Low Profile Transit	2400-2500	5 with ground plane	LPT2400NMOHF	Black NMO Transit Style Antenna for High Frequency Applications, Requires NMOHF Mount	Order Separately	N/A
Stealth Blade	2400-2500	2.14	SB24003	Flexible printed circuit dipole, 3" long	3' RG-174	No Conn
Stealth Blade	2400-2500	2.14	SB24006	Flexible printed circuit dipole, 3" long	6' RG-174	No Conn
Stealth Blade	2400-2500	2.14	SB2400SMA3	Flexible printed circuit dipole, 3" long	3' RG-174	SMA
Stealth Blade	2400-2500	2.14	SB2400SMA6	Flexible printed circuit dipole, 3" long	6' RG-174	SMA
Stealth Blade	2400-2500	2.14	SB2400SMB3	Flexible printed circuit dipole, 3" long	3' RG-174	SMB
Stealth Blade	2400-2500	2.14	SB2400SMB6	Flexible printed circuit dipole, 3" long	6' RG-174	SMB
Stealth Blade	2400-2500	2.14	SB2400MMCX3	Flexible printed circuit dipole, 3" long	3' RG-174	MMCX
Stealth Blade	2400-2500	2.14	SB2400MMCX6	Flexible printed circuit dipole, 3" long	6' RG-174	MMCX
Whip	2400-2500	5	NMO5E2400B	Whip with Over-molded Coil, Requires NMOHF Mount, Max Height 8.75"	Order Separately	N/A
Whip	4900-5350	4	NMO4E4900B	Black Elevated Feed, Requires NMOHF Mount, Max Height 4.5"	Order Separately	N/A
Whip	5350-5925	4	NMO4E5350B	Black Elevated Feed, Requires NMOHF Mount, Max Height 4.5"	Order Separately	N/A

## Mounting Brackets

Part Number	Description
FB2BRACKET	Mounting Bracket and Hardware for applications where mounting is at the end of a mast
FB3BRACKET	Mounting Bracket and Hardware for applications where mounting is at mid-mast and more clearance is required between the mast and antenna to reduce RF interference from the mast
YAGIKITHD	Mounting hardware for 2.5" pipe for YA3, YA5 and YA6 antennas
PAMOUNT	Panel Mount Bracket