

HOW TO SELECT PRODUCTS WITH THIS GUIDE: (This GUIDE is available on our Catalog/Guide downloads page: <http://www.repdesign.us/Download3.html>)

(1) Look at the "types of antennas" column that describes your antenna, then look at the "where used" column. "YES" means the product is compatible with your antenna and use.
 (2) Look at the "model number" and "description" columns for products that are compatible with your needs. The "pcp" column indicates if powder coating is available.
 (3) The "required" column indicates if there are specific application requirements; the "options" column shows other products which may be useful (but are not required).
 (4) CONTACT US IF YOU HAVE QUESTIONS - we're here to help and provide EXCELLENT customer service! REALLY!

Updated: 28/02/2010 "Best Antenna Mounts on the Planet"


Model Number & Product Image <small>(some images show options or optional powder coat finish)</small>	Description	Y = available powder coated [7]	Where Used		Related Products		Types of Antennas					Special Uses
			Mobile Use	Portable & Fixed Base	Required	Options	V/UHF, GMR5 Mobile (all) [A-1]	HF Mobile (160-10m)				
								Small & CB (11m) [A-2]	Med. (base to 2") [A-3]	Lg. (base 2.5") [A-4]	Ex. Lg. (base 4") [A-5]	

UHAM Mounts - Universal Adjustable Mounts With Two Supports for Screwdriver / Motorized HF Antennas												
	bolts to horizontal surface - trailer hitches & bumpers; with AMB-VMA-4 also mounts to vertical surfaces	Y	YES	YES		SHUNT100, SHDSO239, SARM100, AMB-VMA-4, Tee			YES			
	bolts to vertical surface - truck bed, tool box, brackets & our BKT/CLAMP mounts, includes two sets of SS 3/8" bolts and hardware that bolt the vertical section to your surface	Y	YES	YES		BKT's, CLAMP200, SHUNT100, SHDSO239, SARM100, Tee			YES			








Specialized Antenna Mounts for Vehicles													
	SHD flat mount for Scorpion Antennas screwdriver antennas & others <u>not needing</u> SO239 connector (ant. base dia. to 4", 3/4" hole, panel 3/4" thick)	Y	YES	YES		AMB-VMA-4			YES	YES	YES	Scorpion	
	SHD flat mount for Hi Q Antennas "ruggedized/military" Series 5 & 6 motorized antennas & others, <u>includes SO239 connector</u> (ant. base dia. to 4", 3/4" hole, panel 3/4" thick)	Y	YES	YES		AMB-VMA-4, Jumper Cable, PL259 Tee			YES	YES	YES	Hi Q rugged.	
	bolt-on, multi antenna, bracket for Honda Ridgeline trucks; "looks factory installed", 51 inches long!	Y	YES			[See BKT-HondaRL web page]	YES	YES	YES	YES	YES	Scorpion	
	slide-in bracket for Nissan Titan with "utility track" - flat backing plate for bolt-on optional "L" brackets	Y	YES			UHAM200, SHUNT100, AMB-Bkt-1	YES	YES	YES				
	slide-in bracket for Nissan Frontier with "utility track" - flat backing plate for bolt-on optional "L" brackets	Y	YES			UHAM200, SHUNT100, AMB-Bkt-1	YES	YES	YES				
	slide-in bracket for Nissan Titan with "utility track" - SHD L bracket (4" wide)	Y	YES			SHUNT100			YES	YES	YES	Scorpion	
	slide-in bracket for Nissan Frontier with "utility track" - SHD L bracket (4" wide)	Y	YES			SHUNT100			YES	YES	YES	Scorpion	
	SHD mounting bracket for Shakespeare 4245 spring base, for 16-32 ft. vert. ant. and Hi Q 5 & 6 series "ruggedized" antennas, mounts horizontally or vertically	Y	YES	YES	Shakespeare 4245 spring base, for vertical surface need AMB-VMA-4	AMB-VMA-4, SGC Tuner Kit, Jumper, SHUNT100				YES	YES	YES	Shakespeare spring & 16-32' verticals

CLAMP Mounting Systems - For Portable, Fixed-Base, ECOMM, RVs, Ladder Mounting, WiFi												
	UNIQUE "clamp to anything" antenna mount for vertical, slanted and horizontal surfaces 1/2 to 9 inches thick, includes choice of ant. base - portable & antenna restricted areas	Y		YES		AMB-Arm2, AMB Gnd-x, Ant. Bases	YES	YES	some			
	WiFi panel antenna version of CLAMP-150 - for rotating a WiFi long range reception panel antenna (NO ant.base)	Y		YES								WiFi Panel Antenna
	clamp-on SHD mount for RV & building ladders, railings and some fences, attaches vert. or horiz.	Y	YES	YES	[For extensive list of options & applications see CLAMP-200 web page]		YES	YES	YES	YES	YES	Mast, flag pole up to 2" O.D.






Y = available powder coated [7]		Where Used		Related Products		Types of Antennas					Special Uses [6]
Model Number & Product Image <small>(some images show options or optional powder coat finish)</small>	Description	p c p	Mobile Use	Portable & Fixed Base	Required	Options	HF Mobile (160-10m)				
							V/UHF, GMR5 Mobile (all) [1]	Small & CB (11m) [2]	Med. (base to 2") [3]	Lg. (base 2.5") [4]	

HF SHUNT COIL												
	UNIQUE adjustable HF load inductor, 160m-10m, plated coil clip, weather proof housing for mobile and outside use		YES	YES		UHAMS, BKTs, CLAMPs, AMB "L"s, cables/connect.		YES	YES	YES	YES	





Connectors & Cables - High Quality											
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	UNIQUE PL259 weather proof quick disconnect for coax, -2- SO239 connectors on ends, includes weather cap (ant. disconnected)		YES	YES			YES	YES	YES	YES	YES	YES
	Additional "Antenna Half", to use more than one antenna with a "CNCT"		YES	YES			YES	YES	YES	YES	YES	YES
	Additional "Mounted Half", to use an antenna at more than one location with the "CNCT" (e.g. mobile and fixed-base), incl. extra WX cap		YES	YES			YES	YES	YES	YES	YES	YES
	high quality single conductor jumper cable, 1.5 feet, Amphenol PL259 plug & Belden RG-8 center conductor; CHOICE of solder lug: 1/4, 3/8 or 1/2"		YES	YES				YES	YES	YES	YES	
	Amphenol high quality PL259 plug, silver plated pin, for RG8/LMR400 (fits 175 & 176 reducers, not included, for LMR200/RG58, RG8X/RG59)		YES	YES		Various	YES	YES	YES	YES	YES	YES
	Amphenol high quality PL259 "TEE", center male, two female ends (connect SHUNT100 to ant. & coax)		YES	YES		Various	YES	YES	YES	YES	YES	YES
	Amphenol high quality PL259 90 degree elbow		YES	YES		Various	YES	YES	YES	YES	YES	YES






Antenna Bases - High-Quality 3/8x24 Studs, NMO, SO239 - All have bottom SO239 connector											
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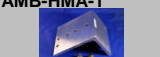
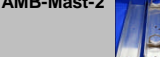

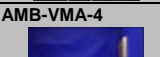
	3/8x24 stud heavy duty antenna base, fits 3/4 inch hole & panel up to 1/4" thick		YES	YES			YES	YES				
	NMO antenna base with HD nut/washers, fits 5/8-3/4" hole, panel to 7/8" thick		YES	YES			YES	YES				
	NMO "radials" antenna base with HD nut/washers, fits 5/8-3/4" hole, panel to 5/8" thick, WITH -4- removable radials for 135-512 MHz		YES	YES			YES					
	SO239 antenna base with HD nuts/washers, fits 5/8-3/4" hole & panel to 3/4" thick		YES	YES			YES	YES				
	custom made HD 3/8x24 stud base with SO239 connection, for our UHAM's or panels at least 3/4" thick, with SO239 connector on bottom, stud is REMOVABLE !		YES	YES	(*) "MED" use mount w/ 2 supports	UHAM150, UHAM200	YES	YES	Some (see *)			



Antenna Mounting "L" Brackets - vehicles & fixed-base											
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	HD "L" bracket for antenna mounting, with 3/4 inch hole for ant. base, 4x4 x1/4" thick x 2" wide, <u>INCLUDES choice of antenna base</u>	Y	YES	YES		BKTs, CLAMP200, SHUNT100, AMB-Arm2, Ant. bases	YES	YES				
	Super HD "L" bracket for antenna mounting, with 3/4 inch hole, 6x6x 1/2" thick x 2.5" wide (no base - use antenna bolt/insulating wafers)	Y	YES	YES		BKTs, CLAMP200, SHUNT100, AMB-Arm2, Ant. bases			YES	YES		
	HD dual "L" brackets for horizontal mounting/tilting, with 3/4 inch hole for antenna mounting, 4x4x1/4x2", <u>INCLUDES choice of base</u>	Y	YES	YES			YES	YES				
	SHD <u>mast-mounted</u> "L" bracket, 1/2" thick x 8x8 x 4" wide, with three 3/8" SS U-bolts for masts up to 2" O.D.	Y	YES	YES		SHUNT100, AMB-Arm2	YES	YES	YES	YES Hi Q rugged.	YES Scorpion	

Model Number & Product Image <small>(some images show options or optional powder coat finish)</small>	Description	Where Used		Related Products		Types of Antennas					Special Uses [6]
		Mobile Use	Portable & Fixed Base	Required	Options	V/UHF, GMRS Mobile (all) [1]	HF Mobile (160-10m)				
							Small & CB (11m) [2]	Med. (base to 2") [3]	Lg. (base 2.5") [4]	Ex. Lg. (base 4") [5]	

Ground Counterpoise Brackets & Hardware												
 AMB-GND-1	ground counterpoise ring, 3" O.D., for four 3/8x24 stud whips			YES		CLAMP150, horiz. CLAMP200		YES	YES	YES	YES	
 AMB-GND-2	ground counterpoise hardware kit for three 3/8x24 stud whips			YES	only vertical CLAMP200	vert. CLAMP200		YES	YES	YES	YES	
 AMB-GND-8	ground counterpoise ring, 3" O.D., for eight 3/8x24 stud whips			YES	CLAMP200 if horizontal	CLAMP150, horiz. CLAMP200		YES	YES	YES	YES	
 AMB-GND-8 W	ground counterpoise ring, 5" O.D., for eight 3/8x24 stud whips			YES		AMB-Bkt-4		YES	YES	YES	YES	
 AMB-GND-Hdwr	3/8x24 SS bolts, lockwashers and HD solder lugs, for connecting your counterpoise wires, available in sets of 4; for #16-12 wire			YES		AMB-Gnd-1,8,8W		YES	YES	YES	YES	

Mounting Bracket Adapters												
 AMB-Arm2	2nd antenna extension arm with NMO base and removable ground plane radials, 13" long, 135-512 MHz	Y		YES		BKT's, CLMP150/200, AMB "L's"	YES					
 AMB-HMA-1	SHD horizontal mounting adapter for CLAMP-200, 4x6x 3/8" thick x 6" wide "L" bracket	Y	YES	YES	for mounting CLAMP200 horiz.	see CLAMP200 options guide	YES	YES	YES	YES Hi Q rugged.	YES Scorpion	
 AMB-Mast-2	two sets of stainless steel and aluminum V-clamps for masts 1-2" dia., for vertical CLAMP-200			YES	vertical CLAMP200	CLAMP200 vertically mounted						Mast or flag pole to 2" O.D.
 AMB-SG237-Kit-1	Mounting hardware for SGC SG237 auto tuner, for BKT-Sksp-1 mount		YES	YES	BKT-Sksp-1 mount	BKT-Sksp-1						SGC Auto Tuner
 AMB-VMA-4	SHD "L" bracket (1/2"x6x6x4") to adapt horizontal antenna mounts (up to 3/4" thick) to flat vertical surface (up to 1-1/4" thick), -4- 3/8x2.5" bolts & -1- 3/4x3" bolt, with SS hardware	Y	YES	YES		UHAM150, BKT-Sksp-1, BKT-Flat-4		YES	YES Hi Q rugged.	YES Scorpion		Shakespeare spring, vertical whips

Antenna Extensions - Vertical and Horizontal												
 AMB-AntExtend-2.5	solid aluminum extension for Hi Q Antennas "ruggedized/military" motorized antennas & other 2.5 inch O.D. antennas with 1/2x20 stud, in 1 ft., 2 ft. & custom lengths	Y	YES	YES	Hi Q "ruggedized" (5 & 6) & others with 2.5" base dia. & 1/2x20 stud					YES Hi Q rugged.		
 SARM-100	flat horizontal antenna mount extension for trailer hitch or bumper mounting, 3/4x2x11 inches, two 1" holes - extend away fm. license plate or use hitch mount WITH TRAILER	Y	YES	YES			YES	YES	YES			

Parts - From Our Products												
 Parts_Coil-01	HF shunt coil (no housing): 14 gauge tin plated copper coil with plated coil clip (no case)		YES	YES				YES	YES	YES	YES	
 Parts_HD Lugs- 1/4-3/8	5 each, HD solder lugs for 1/4 & 3/8 inch bolts, for 16-12 gauge wire		YES	YES				YES	YES	YES	YES	
 Parts_HD Lugs-1/2	5 insulated solder lugs for 1/2" bolts, for 16-12 gauge wire		YES	YES				YES	YES	YES	YES	
 Parts_Insul-01	HD antenna insulation kit used in UHAM mounts		YES	YES					YES			
 Parts_SO239 Nuts-HD	FIVE (5) high qual. "no rust" HD nuts for SO239 barrel connectors, Ni plated brass, "replace your standard thin flimsey nuts or rusted HD ones"		YES	YES			YES	YES				

ANTENNA TYPE CATEGORIES USED IN CHART ABOVE

==> if your antenna type is not listed, or if you are not sure, PLEASE CONTACT US by phone or email <==

[A-1] VHF-UHF & GMRS mobile antennas - essentially any size 6m (50 MHz) and higher frequency mobile antenna, including the UHF GMRS band and VHF-UHF commercial bands, that can mount to an NMO, SO239 or 3/8x24 stud base. Our NMO groundplane base is designed for 135 - 512 MHz use.

[A-2] Small HF & 11m CB mobile antennas - "ham stick" type, Hustler type loading coil, Outbacker type "wonder lead", manually tunable (Super Antennas MP1, MFJ-1624, etc.), smaller screwdriver (High Sierra "Sidekick", Tarheel "Little Tarheel", Super Antennas MP2, etc.), standard CB (11m) and other similar sized mobile antennas that screw into a 3/8x24, NMO or SO239 base.

[A-3] Medium HF mobile (antenna base diameter up to 2 inches): screwdriver HF (High Sierra HS1500 & HS1800, Tarheel full sized, etc.), motorized (Hi Q Antennas "2 through 5 series" (EXCEPT military "ruggedized" 5-6 series which are 2.5" diameter) and other similar sized mobile antennas that mount with a standard 3/8x24 stud, into a 3/4" diameter hole. Some of these require two points of support for mobile use.

[A-4] Large HF mobile (antenna base diameter up to 2.5 inches) - motorized HF (Hi Q Antennas "ruggedized" 5 & 6 series military versions such as 5/160, 6/160, etc.) and other similar size antennas with a base diameter up to 2.5 inches that can be mounted into a 3/4" hole with or without insulating washers, and that do **NOT** need a second point of attachment.

[A-5] Ex. Large HF mobile (antenna base diameter 3 - 4 inches) - screwdriver HF (Scorpion Antennas models) and other makes with a base diameter of 3 - 4 inches and that mount into a 3/4" hole and do **NOT** need a second point of attachment.

[A-6] Special Applications - Masts and flag poles with O.D. 1-2 inches (Buddipole™ mast system & light weight telescoping masts with small beam or wire dipole antenna or small HF antenna, and flag poles or any other pole). Also **Shakespeare 4245 military spring base applications** (for Shakespeare 16 and 32 ft. vertical whips and Hi Q Antennas ruggedized "5 & 6 series" that fit the same spring base; hardware kit to mount certain SGC auto tuners below spring). Also **computer WiFi panel type antennas** (we can provide cable and high power USB adapter by special order - same one we use while traveling).

SUMMARY OF PRODUCTS THAT ARE COMPATIBLE WITH YOUR TYPE OF ANTENNA

==> if your antenna type is not listed, or if you are not sure, PLEASE CONTACT US by phone or email <==

YOUR Antenna Type / Make / Model	Ant. Code	Our Mounts (see chart details)	Our Brackets (see chart details)	Our Other Products (see chart details)
Essentially ANY mobile VHF - UHF (6m and above) ; includes GMRS and commercial bands	[A-1]	BKT "Honda & Nissan", CLAMP150/200,	"L" brackets, AMB-Arm2 (2nd ant. Arm), mounting adapters	antenna bases, connectors & cables, NMO base with groundplane (135-512 MHz)
Small HF : "ham sticks", Huster loading coil, Outbacker "wonder lead", manually tuneable (Super Antennas MP1, MFJ-1624), etc.	[A-2]	BKT "Honda & Nissan", CLAMP150/200,	"L" brackets, ground counterpoise brackets, mounting adapters, SARM100	SHUNT100, antenna bases, connectors & cables
Small HF screwdriver / motorized : High Sierra Sidekick, Tarheel Little Tarheel, Super Antennas MP2, etc.				SHUNT100, antenna bases, connectors & cables
CB radio (11m band)				antenna bases, connectors, cables
Medium HF screwdriver / motorized (base diameter to 2 inches) : High Sierra HS1500, HS1800; Hi Q (all except "ruggedized"); Tarheel full sized, etc.	[A-3]	UHAM150/200, BKT-Fat-4/4S, BKT "Honda & Nissan", CLAMP150/200	HD/SHD "L" brackets, ground counterpoise brackets, mounting adapters, SARM100	SHUNT100, antenna bases, connectors, cables
Large HF screwdriver / motorized (base dia. 2.5 inches) : Hi Q Antennas "ruggedized" models, etc.	[A-4]	BKT-Fat-4/4S, BKT "Honda & Nissan", BKT-Sksp-1. CLAMP200	SHD "L" brackets, ground counterpoise brackets, mounting adapters, antenna extension	SHUNT100, connectors, cables
Ex. Lg. HF Screwdriver / Motorized (base dia. 3 - 4 inches) : Scorpion Antennas models	[A-5]	BKT-Fat-4, BKT "Honda & Nissan", CLAMP200	SHD "L" brackets, ground counterpoise brackets, mounting adapters	connectors, cables
Antenna Masts & Flagpoles : diameter (O.D.) up to 2 inches	[A-6]	CLAMP200 (vertical)	AMB-Mast2, AMB-Bkt-4M	connectors, cables
Shakespeare 4245 military spring base : for Hi Q Ant. "ruggedized" antennas and Shakespeare 16 & 32 ft. whips		BKT-Sksp-1	AMB-SG237-Kit1 (SGC autotuner mouting kit), mounting adapters	connectors, cables
SHF "Panel" Gain Antennas : WiFi networks		CLAMP150W		

POWDER COATED PAINT COLORS

Footnote [7]: Our standard powder coat colors are: black, red, white, blue and clear-coat (others by special order).

QUANTITY DISCOUNTS & NEW PRODUCTS

Please contact us for discount quote for 3 or more items ("mix and match") or have an idea for a new product.