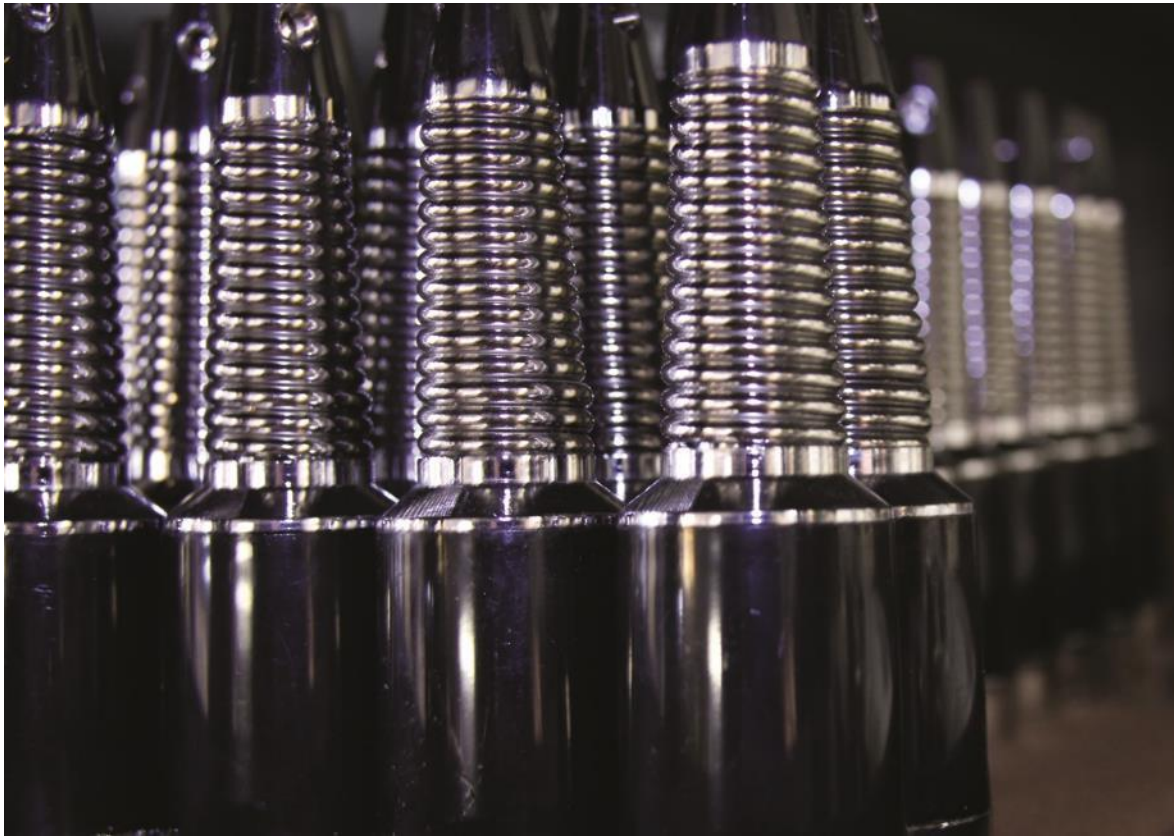


Mobile / Transit Antennas



COMPROD
Simplifying RF Solutions

Tel: US 1.877.825.2007 / CAN 1.800.603.1454

Email: salescomprodcom.com

Fax: 1.800.554.1033

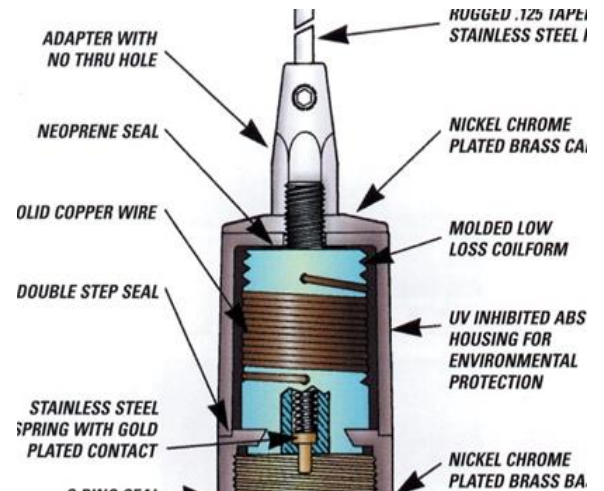
www.comprodcom.com

Our Mobile and Transit Antenna lines are suited for Government and Utility applications and result in long term, problem-free installations.

We use stainless steel whips, incorporate high-impact ABS, and gold-plated, spring-loaded contacts, ensuring long term reliability and performance.

Our multi-band antennas have been developed for transmitting and receiving Data and Voice.

We have also customized many Wideband and Full-Band VHF, UHF, and 700/800/900 MHz antenna models for unique requirements. Please contact our Technical Support team for consultation if you require customized antennas at sales@comprodc.com.



Model	Frequency						Gain			Options		
	Dual Band	VHF	220	UHF	700-900	Other Bands	Unity	2dB	3dB	No Gnd Plane	Black	With Spring
550-75		•	•	•	•		•				•	
552-75		•	•	•			•				•	•
555-75		•	•	•	•		•				•	
565-75						27-54	•				•	•
575-75		•						•		•		•
576-75		•						•		•		•
577-75		•						•		•		•
578-75		•						•				•
580-75		•							•		•	•
583-75				•					•		•	•
590-75					•				•		•	
591-75					•				•		•	
592-75					•				•			
593-75					•				•		•	

Model	Frequency						Gain			Options		
	Dual Band	VHF	220	UHF	700-900	Other Bands	Unity	2dB	3dB	No Gnd Plane	Black	With Spring
594-75					•				•		•	
595-75					•				3.5		•	•
599-75					•				•	•	•	•
690-75	•				•	1710-1970	•				•	
692-75	•				•	2400-2500		•			•	
694-75	•				•	1850-1990		•			•	
696-75	•				•	880-1200 / 2300-2600 1100-1500 / 2400-2800	•				•	
357-75		•					•					
358-75		•					•					
364-75			•				•					
359-75				•			•					
360-75				•			•					
361-75					•		•					
362-75					•		•					



552-75 Series

Performance: These antennas provide unity gain in a broadband design for extra heavy-duty service.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. They come with an integrated shock spring and a heavy-duty stainless-steel whip that is designed to withstand severe shock.

Reliable: The ABS base has an ultrasonically welded brass insert and a gold-plated spring-loaded contact.

Broadband: This antenna provides 24 MHz of bandwidth using VHF frequencies and 100 MHz of bandwidth at UHF frequencies.

Standard Mounting: All base loaded antennas mate with the standard Motorola NMO type mount.

Electrical Specifications	552-75
Frequency Range, MHz	132-512
Gain	Unity
Impedance, Ohms	50
Power Rating, Watts	150
Bandwidth, MHz	VHF - 24 @ 2.0:1 VSWR, UHF - 100 @ 2.0:1 VSWR
Mechanical Specifications	552-75
Radiator: Chrome A	Tapered S.S. whip., 0.125 dia.
Black B	Tapered S.S. whip., 0.10 dia.
Base	Ultrasonic brass insert
Contact	Spring-loaded, gold-plated
Height, in (mm)	21.5 (55) at 138MHz
Mounting	Standard Motorola NMO
Ordering Information	552-75
Description	Model
Chrome finish, triple-plated chrome	552-75A
Black finish	552-75B



550-75 Series

Performance: These antennas provide unity gain in a wideband design for heavy-duty service.

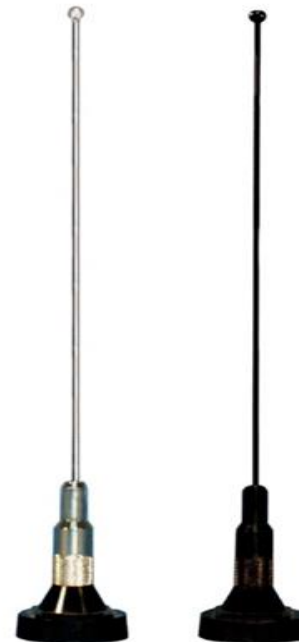
Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. Triple-plated chrome or black finishes are available.

Reliable: The ABS base has an ultrasonically welded brass insert and a gold-plated spring-loaded contact.

Versatile: They are shipped with a 19" whip that can be cut by the customer to any frequency between 136 MHz and 960 MHz according to a cutting chart that is provided. They can also be supplied cut and tested to a specific frequency, at no extra charge.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	550-75
Frequency Range, MHz	136-960
Gain	Unity
Impedance, Ohms	50
Power Rating, Watts	150
Bandwidth, MHz	VHF - 12 @ 2.0:1 VSWR UHF - 50 @ 2.0:1 VSWR
Mechanical Specifications	550-75
Radiator	S.S.
Base	ABS, Ultrasonic brass insert
Contact	Spring-loaded contact
Height, in	19 Maximum
Mounting	Standard Motorola NMO
Ordering Information	550-75
Description	Model
Chrome finish, triple-plated chrome	552-75A
Black finish	552-75B



555-75 Series

Performance: These antennas provide unity gain in a wideband design for heavy-duty service.

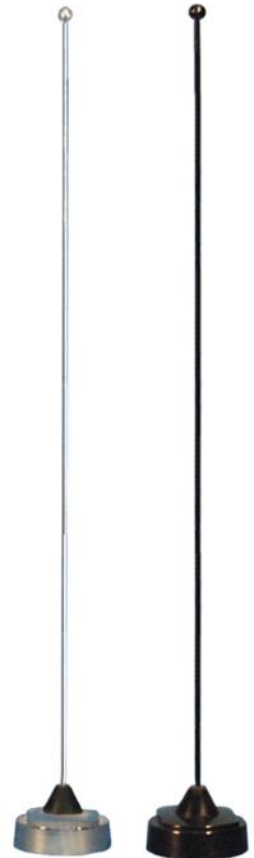
Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. Triple-plated chrome or black finishes are available.

Reliable: The ABS base has an ultrasonically welded brass insert and a gold-plated spring-loaded contact.

Versatile: They are shipped with a factory tuned whip cut to size based on the customer specified frequency range between 136 MHz and 960 MHz.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	555-75
Frequency Range, MHz	132-960
Gain	Unity
Impedance, Ohms	50
Power Rating, Watts	200
VSWR	1.5:1
Bandwidth, MHz	VHF - 12 @ 2.0:1 VSWR UHF - 50 @ 2.0:1 VSWR
Mechanical Specifications	555-75
Radiator: Chrome A	Tapered S.S., 0.10 dia.
Black B	Tapered S.S., 0.10 dia.
Base	ABS
Height, in	20 Maximum
Mounting	Standard Motorola NMO
Ordering Information	555-75
Description	Model
Chrome finish, triple-plated chrome	555-75A
Black finish	555-75B



565-75 Series

Performance: Unity gain, base loaded antenna with a power handling capacity of 200 Watts.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Broadband: The large diameter coil form used in the construction of the loading coil allows for a wider operational bandwidth and better matching characteristics.

Weatherproof: O-ring seals and overlap construction keeps moisture out of the antenna.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	565-75	
Frequency Range, MHz	27-54	
Gain	Unity	
Impedance, Ohms	50	
Power Rating, Watts	200	
VSWR	2.0:1	
Bandwidth	2% of center freq.	
Mechanical Specifications	565-75	
Radiator: Chrome A	Tapered S.S., 0.125 dia.	
Black B	Tapered S.S., 0.10 dia.	
Base	ABS, spring-loaded contact	
Height, in	52 Maximum	
Mounting	Standard Motorola NMO	
Ordering Information	565-75A	565-75B
Frequency	Chrome	Black
27-31 MHz	565-75A*1	565-75B*1
30-35 MHz	565-75A*2	565-75B*2
34-40 MHz	565-75A*3	565-75B*3
40-47 MHz	565-75A*4	565-75B*4
47-54 MHz	565-75A*5	565-75B*5



573-75 Series

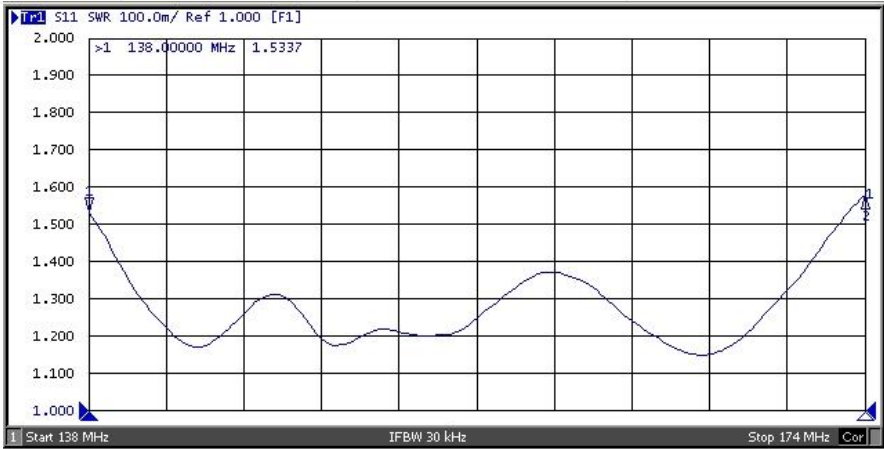
Performance: This broadband 1/4-wave antenna provides 0 dBd of gain over its operating bandwidth.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Weatherproof: O-ring seals or Rubber boot option keeps moisture out of the antenna base. Rubber boot avoids scratching/rusting of vehicle if antenna is frequently removed, for maintenance or car wash activities.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	573-75	
Frequency Range, MHz	138-174	
Gain	Unity	
Impedance, Ohms	50	
Power Rating, Watts	100	
Bandwidth, MHz	40MHz @ 1.8:1 VSWR	
Mechanical Specifications	573-75	
Radiator	Stainless Steel	
Base	ABS, spring-loaded contact	
Height, in	25	
Mounting	Standard Motorola NMO	
Ordering Information	573-75	
Description	Standard Model	With Spring Mount
Antenna Chrome finish	573-75	573-75S
Antenna with rubber boot	573-75R	573-75SR



575-75 Series – No Ground Plane Antenna

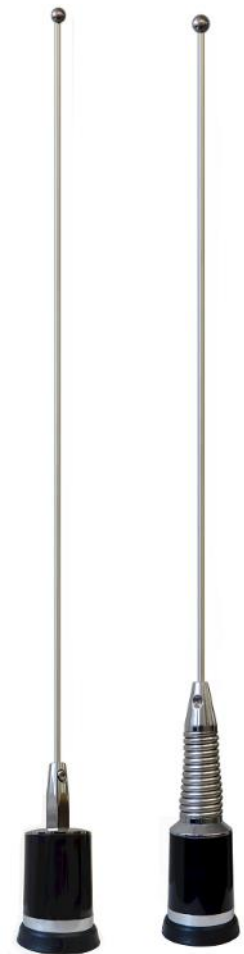
Performance: This broadband 1/2-wave antenna provides 2.0 dBd of gain over its operating bandwidth. No ground plane is needed for this antenna.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Weatherproof: O-ring seals or Rubber boot option keeps moisture out of the antenna base. Rubber boot avoids scratching/rusting of vehicle if antenna is frequently removed, for maintenance or car wash activities.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	575-75	
Frequency Range, MHz	138-174	
Gain	2.0	
Impedance, Ohms	50	
Power Rating, Watts	75	
Bandwidth, MHz	VHF - 26 @ 2.0:1 VSWR	
Mechanical Specifications	575-75	
Radiator	17-7 PH Stainless Steel	
Base	ABS, spring-loaded contact	
Height, in	52 Maximum	
Mounting	Standard Motorola type 3/4	
Ordering Information	575-75	
Description	Standard	With Spring Mount
Antenna Chrome finish	575-75	575-75S
Antenna with rubber boot	575-75R	575-75SR



576-75 Series – No Ground Plane Antenna

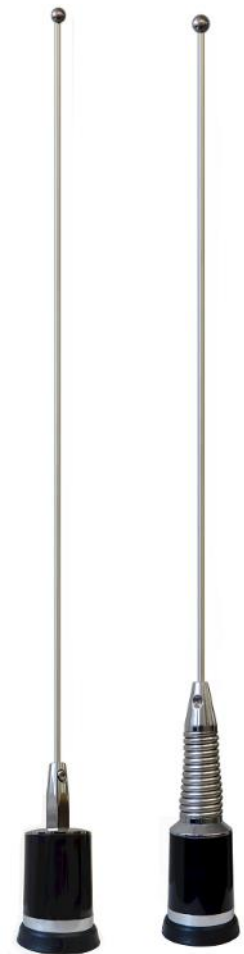
Performance: This broadband 1/2-wave antenna provides 2.0 dBd of gain over its operating bandwidth. No ground plane is needed for this antenna.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Weatherproof: O-ring seals or Rubber boot option keeps moisture out of the antenna base. Rubber boot avoids scratching/rusting of vehicle if antenna is frequently removed, for maintenance or car wash activities.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	576-75	
Frequency Range, MHz	148-174	
Gain	2.0	
Impedance, Ohms	50	
Power Rating, Watts	150	
Bandwidth, MHz	VHF – 26 @ 1.5:1 VSWR	
Mechanical Specifications	576-75	
Radiator	17-7 PH Stainless Steel	
Base	ABS, spring-loaded contact	
Height, in	52 Maximum	
Mounting	Standard Motorola NMO	
Ordering Information	576-75	
Description	Standard	With Spring Mount
Antenna Chrome finish	576-75	576-75S
Antenna with rubber boot	576-75R	576-75SR



577-75 Series – No Ground Plane Antenna

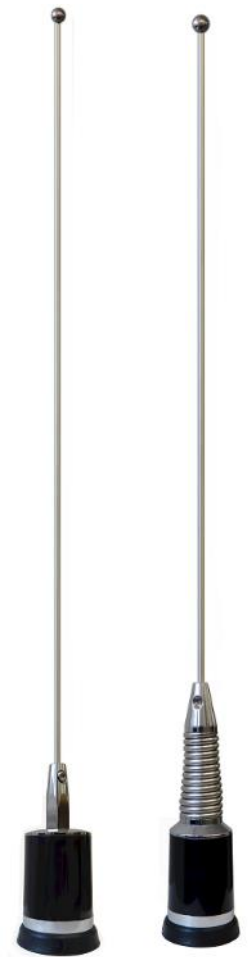
Performance: This broadband 1/2-wave antenna provides 2.0 dBd of gain over its operating bandwidth. No ground plane is needed for this antenna.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Weatherproof: O-ring seals or Rubber boot option keeps moisture out of the antenna base. Rubber boot avoids scratching/rusting of vehicle if antenna is frequently removed, for maintenance or car wash activities.

Standard Mounting: All base loaded antennas mate with the standard Motorola NMO type mount.

Electrical Specifications	577-75	
Frequency Range, MHz	136-174	
Gain	2.0	
Impedance, Ohms	50	
Power Rating, Watts	75	
Bandwidth, MHz	VHF – 11 @ 1.5:1 VSWR, 19 MHz @ 2.0:1 VSWR	
Mechanical Specifications	577-75	
Radiator	17-7 PH Stainless Steel	
Base	ABS, spring-loaded contact	
Height, in	52 Maximum	
Mounting	Standard Motorola NMO	
Ordering Information	577-75	
Description	Standard	With Spring Mount
Antenna Chrome finish	577-75	577-75S
Antenna with rubber boot	577-75R	577-75SR



578-75 Series

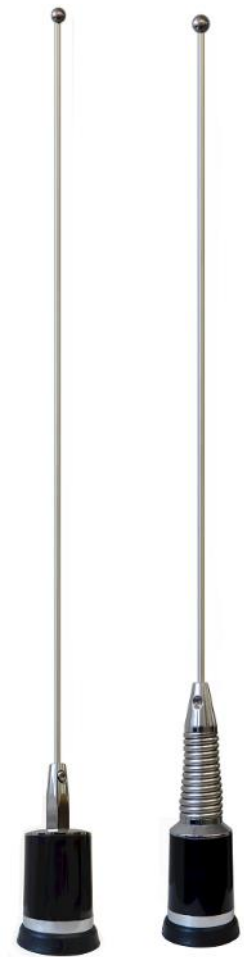
Performance: This broadband 1/2-wave antenna provides 2.0 dBd of gain over its operating bandwidth.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Weatherproof: O-ring seals or Rubber boot option keeps moisture out of the antenna base. Rubber boot avoids scratching/rusting of vehicle if antenna is frequently removed, for maintenance or car wash activities.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	578-75	
Frequency Range, MHz	138-174	
Gain	2.0	
Impedance, Ohms	50	
Power Rating, Watts	100	
Bandwidth/VSWR	36 MHz @ 1.8:1 VSWR	
Mechanical Specifications	578-75	
Radiator	Stainless Steel	
Base	ABS, spring-loaded contact	
Height, in	36.5	
Mounting	Standard Motorola NMO	
Ordering Information	578-75	
Description	Standard	With Spring Mount
Antenna Chrome finish	578-75	578-75S
Antenna with rubber boot	578-75R	578-75SR



580-75 Series

Performance: 3 dBd gain is achieved with these premium antennas by featuring a 5/8-wave whip with a base loaded matching coil.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Weatherproof: O-ring seals and overlap construction keeps moisture out of the antenna.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	580-75	
Frequency Range, MHz	132-174	
Gain	3.0	
Impedance, Ohms	50	
Power Rating, Watts	200	
VSWR	2.0:1	
Bandwidth, MHz	6	
Mechanical Specifications	580-75	
Radiator: Chrome A	Tapered S.S. whip., 0.125 dia.	
Black B	Tapered S.S. whip., 0.10 dia.	
Base	ABS, spring-loaded contact	
Height, in	55 Whip	
Mounting	Standard Motorola NMO	
Ordering Information	580-75	
Description	Standard	With Spring Mount
Chrome finish, triple-plated chrome	580-75A	580-75AS
Black finish	580-75B	580-75BS



583-75 Series

Performance: 3 dBd gain is achieved with these premium antennas by featuring a 5/8-wave whip with a base loaded matching coil.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Broadband: The large diameter coil form used in the construction of the loading coil allows for a wider operational bandwidth and better matching characteristics.

Weatherproof: O-ring seals or Rubber boot option keeps moisture out of the antenna base. Rubber boot avoids scratching/rusting of vehicle if antenna is frequently removed, for maintenance or car wash activities.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	583-75
Frequency Range, MHz	406-512
Gain	3.0
Impedance, Ohms	50
Power Rating, Watts	200
VSWR	2.0:1
Bandwidth, MHz	20 @ 2.0:1 VSWR
Mechanical Specifications	583-75
Radiator: Chrome A	Tapered S.S. whip., 0.10 dia.
Black B	Tapered S.S. whip., 0.10 dia.
Base	ABS, spring-loaded contact
Height, in	21 Whip
Mounting	Standard Motorola NMO



Ordering Information	583-75					
Frequency	Chrome	Chrome with Spring Mt.	Chrome and Rubber Boot	Black	Black with Spring Mt.	Black and Rubber Boot
406-430 MHz	583-75A*1	583-75AS*1	583-75AR*1	583-75B*1	583-75BS*1	583-75BR*1
430-470 MHz	583-75A*2	583-75AS*2	583-75AR*2	583-75B*2	583-75BS*2	583-75BR*2
470-512 MHz	583-75A*3	583-75AS*3	583-75AR*3	583-75B*3	583-75BS*3	583-75BR*3

To order with shock spring, and rubber boot add suffix SR to part number. Example: 583-75ASR-3.

590-75 Series

Performance: 3 dBd gain is achieved with these premium antennas by featuring a 5/8-wave whip with a base loaded matching coil.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Broadband: The large diameter coil form used in the construction of the loading coil allows for a wider operational bandwidth and better matching characteristics.

Weatherproof: O-ring seals or Rubber boot option keeps moisture out of the antenna base. Rubber boot avoids scratching/rusting of vehicle if antenna is frequently removed, for maintenance or car wash activities.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	590-75	
Frequency Range, MHz	760-960	
Gain	3.0	
Impedance, Ohms	50	
Power Rating, Watts	200	
Bandwidth, MHz	70 @ 2.0:1 VSWR	
Mechanical Specifications	590-75	
Radiator: Chrome A	Stainless Steel	
Black B	Stainless Steel	
Base	ABS, Ultrasonic brass insert	
Height, in	14 Maximum	
Mounting	Standard Motorola NMO	
Ordering Information	590-75	
Frequency	Chrome	Black
746-806MHz	590-75A*4	590-75B*4
806-866 MHz	590-75A*1	590-75B*1
825-896 MHz	590-75A*2	590-75B*2
896-960 MHz	590-75A*3	590-75B*3



591-75 Series

Performance: 3 dBd gain is achieved with these premium antennas by featuring a 5/8 wave antenna above a 1/4 wave antenna with an open coil design.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Reliable: The ABS base has an ultrasonically welded brass insert and a leaf spring-loaded contact for long term reliability.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	591-75	
Frequency Range, MHz	760-960	
Gain	3.0	
Impedance, Ohms	50	
Power Rating, Watts	200	
Bandwidth, MHz	70 @ 2.0:1 VSWR	
Mechanical Specifications	591-75	
Radiator: Chrome A	Stainless Steel	
Black B	Stainless Steel	
Base	Leaf Design	
Height, in	15 Maximum	
Mounting	Standard Motorola NMO	
Ordering Information	591-75	
Frequency	Chrome	Black
746-806MHz	591-75A*4	591-75B*4
806-866 MHz	591-75A*1	591-75B*1
825-896 MHz	591-75A*2	591-75B*2
896-960 MHz	591-75A*3	591-75B*3



592-75 Series

Performance: 3 dBd gain is achieved with these premium antennas by featuring a 5/8 wave antenna above a 1/2 wave antenna with a closed coil design.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Reliable: The ABS base has an ultrasonically welded brass insert and a leaf spring-loaded contact for long term reliability.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	592-75	
Frequency Range, MHz	760-960	
Gain	3.0	
Impedance, Ohms	50	
Power Rating, Watts	200	
Bandwidth, MHz	70 @ 2.0:1 VSWR	
Mechanical Specifications	592-75	
Radiator: Chrome A	Stainless Steel	
Black B	Stainless Steel	
Base	ABS, Ultrasonic brass insert	
Contact	Spring-loaded, gold-plated	
Height, in	16 Maximum	
Mounting	Standard Motorola NMO	
Ordering Information	592-75	
Frequency	Chrome	Black
746-806MHz	592-75A*4	592-75B*4
806-866 MHz	592-75A*1	592-75B*1
825-896 MHz	592-75A*2	592-75B*2
896-960 MHz	592-75A*3	592-75B*3



593-75 Series – First Responders Antenna

Performance: 3 dBd gain is achieved with these premium antennas by featuring a 5/8 wave antenna above a 1/4 wave design.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Weatherproof: Rubber boot keeps moisture out of the antenna base. It also avoids scratching/rusting of vehicle if antenna is frequently removed, for maintenance or car wash activities.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	593-75	
Frequency Range, MHz	740-840	
Gain	3.0	
Impedance, Ohms	50	
Power Rating, Watts	200	
VSWR	< 2.0:1	
Mechanical Specifications	593-75	
Radiator: Chrome A	Stainless Steel	
Black B	Stainless Steel	
Base	ABS, Ultrasonic brass insert	
Contact	Spring-loaded, gold-plated	
Height, in	17	
Mounting	Standard Motorola NMO	
Ordering Information	593-75	
Frequency	Chrome	Black
740-840 MHz	593-75A	593-75B



594-75 Series

Performance: 3 dBd gain is achieved by using a 5/8 wave antenna above a 1/4 wave design.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The base is triple-plated chrome brass with a large insert, molded low loss coil form and a spring-loaded gold-plated contact.

Magnetic Mounting: Features a powerful magnetic base with a protective Mylar to prevent damage to any mounting service. It is supplied with 12 feet of RG58U coax and your choice of connector. Available with Mini-UHF or TNC connector.

Electrical Specifications	594-75	
Frequency Range, MHz	700-850	
Gain	3.0	
Impedance, Ohms	50	
Power Rating, Watts	200	
VSWR	< 2.0:1	
Mechanical Specifications	594-75	
Radiator	Stainless Steel	
Base	ABS	
Contact	Spring-loaded, gold-plated	
Height, in	16	
Mounting	Mini-UHF or TNC connector on 12' cable, Magnetic Mount Base	
Ordering Information	594-75	
Frequency	Chrome	Black
700-850 MHz	594-75A	594-75B



595-75 Series

Performance: 3.5 dBd gain is achieved with these premium antennas by featuring a 5/8 wave antenna above a 1/4 wave design.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. It comes with an integrated shock spring and a heavy-duty stainless-steel whip that is designed to withstand severe shock without suffering permanent damage. It is available in triple-plated chrome or black finish

Reliable: The ABS base has an ultrasonically welded brass insert and a gold-plated, spring-loaded contact. The silver-plated matching coil is fully enclosed to ensure years of dependable service.

Weatherproof: O-ring seals and overlap construction keeps moisture out of the antenna.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	595-75	
Frequency Range, MHz	760-970	
Gain	3.5	
Impedance, Ohms	50	
Power Rating, Watts	200	
Bandwidth, MHz	70 @ 2.0:1	
Mechanical Specifications	595-75	
Radiator: Chrome A	Stainless Steel	
Black B	Stainless Steel	
Matching Coil	Silver plated enclosed coil	
Base	ABS, spring-loaded contact	
Contact	Spring-loaded, gold-plated	
Height, in	18 Maximum	
Mounting	Standard Motorola NMO	
Ordering Information	595-75	
Frequency	Chrome	Black
746-806 MHz	595-75A*4	595-75B*4
806-866MHz	595-75A*1	595-75B*1
825-896MHz	595-75A*2	595-75B*2
896-970MHz	595-75A*3	595-75B*3



599-75 Series

Performance: 3 dBd gain is achieved with these premium antennas by featuring a 5/8 wave antenna above a 1/4 wave design with an elevated feed point. This antenna requires no ground plane as a result of its collinear design. The elevated feed design is ideal for the antenna RF signal to clear any nearby obstructions.

Safety: The elevated feed-point design keeps the RF signals above and away from the passenger compartment.

Elegance This elegant black antenna gives a sleek appearance that blends well with the exterior treatments of most late model vehicles.

Dependability: The 599-75 antenna features a built-in shock spring and a spring-loaded contact for long term dependability.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	599-75
Frequency Range, MHz	806-960
Gain	3.0
Impedance, Ohms	50
Power Rating, Watts	200
Bandwidth, MHz	70 @ 2.0:1 VSWR
Mechanical Specifications	599-75
Radiator	Black Stainless Steel
Base	Open Coil
Contact	Solid Brass Base
Height, in	23 Maximum
Mounting	Standard Motorola NMO
Finish	Black
Ordering Information	599-75
Frequency	Black Finish
806-866MHz	599-75*1
825-896MHz	599-75*2
896-960MHz	599-75*3



690-75 Series

Performance: Our premium dual band antennas feature heavy-duty design and excellent performance. Perfect for both voice and data transmission. These antennas are very wide in bandwidth.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The antenna is low profile, extremely rugged and ideal for commercial applications.

Weatherproof: O-ring seals and overlap construction keeps moisture out of the antenna.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	690-75
Frequency Range (Full Band), MHz	806-940 / 1710-1970
Gain	Unity
Impedance, Ohms	50
Power Rating, Watts	200
Bandwidth, MHz	Full Band @ 2.0:1 VSWR
Mechanical Specifications	690-75
Radiator	Stainless Steel
Base	ABS, Ultrasonic Brass Insert
Contact	Gold-plated spring-loaded
Height, in	4
Mounting	Standard Motorola NMO
Ordering Information	690-75
	Black Finish



692-75 Series

Performance: Our premium dual band antennas feature heavy-duty design and excellent performance. Perfect for both voice and data transmission. These antennas are very wide in bandwidth.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The antenna is low profile, extremely rugged and ideal for commercial applications.

Weatherproof: O-ring seals and overlap construction keeps moisture out of the antenna.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	692-75	
Frequency Range (Full Band), MHz	900-930 / 2400-2500	
Gain	2.0	
Impedance, Ohms	50	
Power Rating, Watts	250	
Bandwidth, MHz	Full Band @ 2.0:1 VSWR	
Mechanical Specifications	692-75	
Base	ABS	
Contact	Gold-plated spring-loaded	
Height, in	3	
Mounting	Standard Motorola NMO	
Ordering Information	692-75	
Finish	White	Black
	692-75W	692-75B



694-75 Series

Performance: Our premium dual band antennas feature heavy-duty design and excellent performance. Perfect for both voice and data transmission. These antennas are very wide in bandwidth.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The antenna is low profile, extremely rugged and ideal for commercial applications.

Weatherproof: O-ring seals and overlap construction keeps moisture out of the antenna.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	694-75	
Frequency Range (Full Band), MHz	806-960 / 1850-1990	
Gain	2.0	
Impedance, Ohms	50	
Power Rating, Watts	250	
Bandwidth, MHz	Full Band @ 2.0:1 VSWR	
Mechanical Specifications	694-75	
Base	ABS	
Contact	Gold-plated spring-loaded	
Height, in	4	
Mounting	Standard Motorola NMO	
Ordering Information	694-75	
Finish	White	Black
	694-75W	694-75B



696-75 Series

Performance: Our premium dual band antennas feature heavy-duty design and excellent performance. Perfect for both voice and data transmission. These antennas are very wide in bandwidth.

Stylish and Durable: These antennas are manufactured using the best corrosion resistant materials and finishes available. The antenna is low profile, extremely rugged and ideal for commercial applications.

Weatherproof: O-ring seals and overlap construction keeps moisture out of the antenna.

Standard Mounting: These antennas mate with the standard Motorola NMO type mount, providing an excellent moisture seal even when the antenna is removed.

Electrical Specifications	696-75B	696-75B*1
Frequency Range (Full Band), MHz	880-1200 / 2300-2600	1100-1500 / 2400-2500
Gain	Unity	Unity
Impedance, Ohms	50	50
Power Rating, Watts	200	200
Bandwidth, MHz	Full Band @ 2.0:1 VSWR	Full Band @ 2.0:1 VSWR
Mechanical Specifications	696-75B	696-75B*1
Radiator	Polyester Coated Brass	Polyester Coated Brass
Base	ABS, Ultrasonic Brass insert	ABS, Ultrasonic Brass insert
Contact	Gold-plated spring-loaded	Gold-plated spring-loaded
Height, in	2.75	2.75
Mounting	Standard Motorola NMO	Standard Motorola NMO
Ordering Information	696-75B	696-75B*1
Finish	Black	Black
	696-75B	696-75B*1



ACCESSORIES / ADAPTERS



MGAS 545-75



MGLAS 546-75



547-75



548-75



MMM



TMBM



MMNMO



BSMN

MOBILE ANTENNAS / ACCESSORIES / ADAPTERS

412-75	Stainless Steel Trunk Groove Mounting Bracket (3/8" hole)
412M-75	Stainless Steel Trunk Groove Mounting Bracket (3/4" hole)
435-75	Rubber Hole Plug / 3/8" Hole Diameter
451-75	Universal Base Mount
453-75	Straight Whip (24" Length) + 5/16 - 24 Thread Adapter
455-75	Unity Gain Whip and Base (451-75 + 453-75)
456-75	Cable Kit / 15ft of RG-58U + PL-259 + UG-175U
545-75	Magnet Mount Kit, Motorola Base, 12 ft. RG58A/U, PL-259
546-75	Magnet Mount Kit, 5/16" Stud Mount, 12 ft. RG58A/U, PL-259
547-75	Trunk Mount Kit, Motorola Base, 17 ft. RG58A/U, PL-259
548-75	Trunk Mount Kit, 5/16" Stud Mount, 17 ft. RG58A/U, PL-259
551-75	C-Mount (3/8"-3/4") c/w 17 ft. RG58A/U, PL-259
634-75	Rubber Hole Plug 7/8" Hole Diameter
TMBM	Trunk Mount Stainless Steel
MMNMO	Mirror Mount Kit, Motorola Base, 12 ft. RG-58A/U, PL-259
BSMN	Mirror Mount, Motorola Base, UHF Connector
WAB	Whip Adapter, Black
WAC	Whip Adapter, Chrome
A1001A	Battery Tap (5 Individually packed)



Whip Adapter—Black



Whip Adapter—Chrome

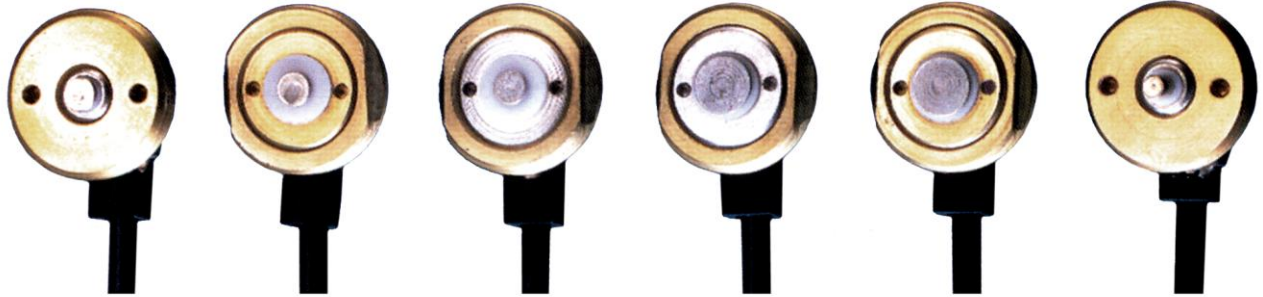


Battery Tap A1001A

ACCESSORIES / ADAPTERS

UTBM		Mount Terminates as Mini-UHF.
UTBM-UHF		Mount Terminates as UHF.
UTBM-NM		Mount Terminates as N Female.
UTCR		Ceiling Mounts Terminates as Mini-UHF.
UNIBKT		Mobile-to-base adapter only, includes hose clamps.
BSMO-150		VHF mobile-to-base adapter w/artificial ground plane, N Female connector.
BSMO-450		UHF mobile-to-base adapter w/artificial ground plane, N Female connector.
BSMO-800		800-900 mobile-to-base adapter w/artificial ground plane, N Female connector.

MOBILE MOUNTS



C TYPE
All Brass
3/8"-3/4" Hole

MB TYPE
All Brass
3/4" Hole

M TYPE
Standard
3/4" Hole

MH TYPE
Standard
Hi Dist Cap

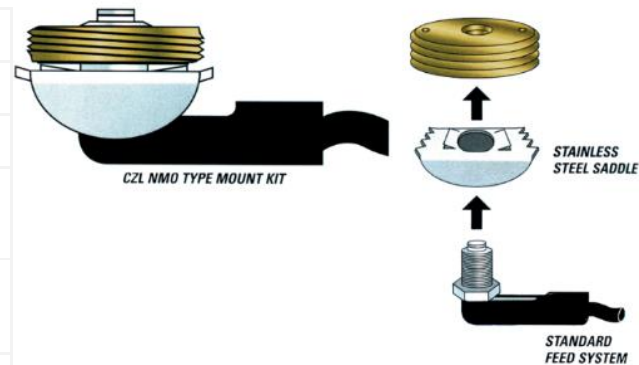
MHB TYPE
All Brass
Hi Dist Cap

ASC TYPE
All Brass
Male/Female

CABLE KITS

Our brass mounts and cable kits are among the best in the Industry. The cable kits present a consistent 50 Ohms impedance to match our mobile antennas, ensuring that our customers receive the best combined performance from the antennas and the cable kits. The quality of our designs is one of the factors that allows our wideband models to outperform the competition.

551-75	C	All Brass	3/4-3/8-inch mount only
551A-75	M	Standard	3/4-inch mount only
551B-75	MB	All Brass	3/4-inch mount only
551C-75	MH	Standard	3/4-inch mount only (large contact)
551D-75	MHB	All Brass	3/4-inch mount only (large contact)
551E-75	ASC	All Brass	3/4-3/8-inch k166 type mount



CONNECTORS

We carry and stock a complete line of connectors. Please contact our Technical Support team for additional information at:
sales@comprodc.com.



ACCESSORIES / ADAPTERS

RG-58A/U Stranded	RG-58/U Solid	ANTENNA MOUNTS WITH 17 Ft of RG-58A/U Stranded Center or RG-58/U solid center cable
551-75CA	551-75CU	C Mount No Connector
551A-75CA	551A-75CU	M Mount No Connector
551B-75CA	551B-75CU	MB Mount No Connector
551E-75CA	551E-75CU	ASC Mount No Connector
551-75CA-01	551-75CU-01	C Mount Crimp TNC
551A-75CA-01	551A-75CU-01	M Mount Crimp TNC
551B-75CA-01	551B-75CU-01	MB Mount Crimp TNC
551E-75CA-01	551E-75CU-01	ASC Mount Crimp TNC
551-75CA-02	551-75CU-02	C Mount Crimp BNC
551A-75CA-02	551A-75CU-02	M Mount Crimp BNC
551B-75CA-02	551B-75CU-02	MB Mount Crimp BNC
551E-75CA-02	551E-75CU-02	ASC Mount Crimp BNC
551-75CA-03	551-75CU-03	C Mount Teflon PL-259
551A-75CA-03	551A-75CU-03	M Mount Teflon PL-259
551B-75CA-03	551B-75CU-03	MB Mount Teflon PL-259
551E-75CA-03	551E-75CU-03	ASC Mount Teflon PL-259
551-75CA-04	551-75CU-04	C Mount Crimp Mini UHF
551A-75CA-04	551A-75CU-04	M Mount Crimp Mini UHF
551B-75CA-04	551B-75CU-04	MB Mount Crimp Mini UHF
551E-75CA-04	551E-75CU-04	ASC Mount Crimp Mini UHF
551-75CA-05	551-75CU-05	C Mount Solder N
551A-75CA-05	551A-75CU-05	M Mount Solder N
551B-75CA-05	551B-75CU-05	MB Mount Solder N
551E-75CA-05	551E-75CU-05	ASC Mount Solder N
551-75CA-06	551-75CU-06	C Mount Crimp PL-259
551A-75CA-06	551A-75CU-06	M Mount Crimp PL-259
551B-75CA-06	551B-75CU-06	MB Mount Crimp PL-259
551E-75CA-06	551E-75CU-06	ASC Mount Crimp PL-259
551-75CA-07	551-75CU-07	C Mount Crimp N
551A-75CA-07	551A-75CU-07	M Mount Crimp N
551B-75CA-07	551B-75CU-07	MB Mount Crimp N
551E-75CA-07	551E-75CU-07	ASC Mount Crimp N

ACCESSORIES / ADAPTERS

MAGNET MOUNTS WITH 12FT OF RG-58A/U CABLE

545-75-01	Magnet Mount with TNC
545-75-02	Magnet Mount with BNC
545-75-03	Magnet Mount with PL-259
545-75-04	Magnet Mount with Mini UHF
545-75-05	Magnet Mount with Type N
545-75-06	Magnet Mount with Crimp UHF
545-75-07	Magnet Mount with Crimp N
546-75-01	Magnet Mount with TNC
546-75-02	Magnet Mount with BNC
546-75-03	Magnet Mount with PL-259
546-75-04	Magnet Mount with Mini UHF
546-75-05	Magnet Mount with Type N
546-75-06	Magnet Mount with Crimp UHF
546-75-07	Magnet Mount with Crimp N

TRUNK MOUNTS WITH 17FT OF RG-58A/U CABLE

547-75-01	Trunk Mount with TNC
547-75-02	Trunk Mount with BNC
547-75-03	Trunk Mount with PL-259
547-75-04	Trunk Mount with Mini UHF
547-75-05	Trunk Mount with Type N
547-75-06	Trunk Mount with Crimp UHF
547-75-07	Trunk Mount with Crimp N
548-75-01	Trunk Mount with TNC
548-75-02	Trunk Mount with BNC
548-75-03	Trunk Mount with PL-259
548-75-04	Trunk Mount with Mini UHF
548-75-05	Trunk Mount with Type N
548-75-06	Trunk Mount with Crimp UHF
548-75-07	Trunk Mount with Crimp N

ACCESSORIES / ADAPTERS

MOUNTING BRACKETS

TMBC	Stainless Trunk L 3/8-inch Hole (Chrome)
TMBM	Stainless Trunk L 3/4-inch Hole (Chrome)
TMBCB	Stainless Trunk L 3/8-inch Hole (Black)
TMBMB	Stainless Trunk L 3/4-inch Hole (Black)
MMM	Mirror Mount Bracket
MMCB	Mirror Mount CB with 12 ft. of coax., PL-259
MMCM	Mirror Bracket, C-Mount & 12 ft. Coax.

UNIVERSAL THICK BODY MOUNT

UTBM	Mount Terminates as Mini-UHF, Maximum Thickness 5/8 inch
	Order Cable Kits Separately

MOBILE ANTENNA PARTS

DBW	Dual Band Whip 0.10
DBWB	Dual Band Whip 0.10, Black
WPDB33	Dual Band Whip Assembly, 4 dB
WPDB33B	Dual Band Whip Assembly, 4 dB, Black
QWP	20-inch Stainless Whip 0.10
QWPB	20-inch Stainless Whip 0.10, Black
WPBL125	52-inch Stainless Taper Whip 0.125
WPBL100	52-inch Stainless Taper Whip 0.10
WPBL100B	52-inch Stainless Taper Whip 0.10, Black
EFW	Elevated Feed Whip Assembly
WP85A-X	3.5 dB Whip Assembly 800 MHz
WP85B-X	3.5 dB Whip Assembly 800 MHz, Black
WP855A-X	5 dB Whip Assembly 800 MHz
WP855B-X	5 dB Whip Assembly 800 MHz, Black
WP45A-X	3.5 dB Whip Assembly 450 MHz
WP45B-X	3.5 dB Whip Assembly 450 MHz, Black
WPBL45AX	5 dB Base Load Whip 450 MHz
WPBL45BX	5 dB Base Load Whip 450 MHz, Black

357-75, 358-75 and 364-75

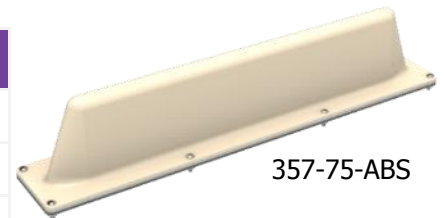
Our line of VHF transit antennas is a low profile rugged alternative to a 1/4 wave whip mobile antenna. When mounted on a horizontal surface, maximum radiation is omnidirectional and vertically polarized.

These antennas are an excellent choice for low clearance applications such as those found on trains, public transit vehicles, construction equipment and police vehicles.

The model 357-75-ABS is a folded 1/4 wavelength section of aluminum tube housed in an impact resistant ABS radome. To ensure a moisture proof installation, the model 357-75-ABS is supplied with a mounting gasket.

The model 358-75 and 364-75 are high strength cast aluminum designs. The antennas can be coated for additional protection against harsh environmental conditions. To ensure a moisture proof installation, the 358-75 and 364-75 are supplied with an O-ring.

Electrical Specifications	357-75-ABS	358-75	364-75
Nominal Gain	Unity	Unity	Unity
Maximum Power, Watts	150	150	150
Frequency Range, MHz	148-174	138-174	215-225
Bandwidth VSWR: 1.5:1, MHz	3.0	3.0	10
Bandwidth VSWR: 2.0:1, MHz	4.5	4.5	>10
Nominal Impedance, Ohms	50	50	50
Radiation Pattern	Omni	Omni	Omni
Polarization	Vertical	Vertical	Vertical
Radome Material	High Impact ABS	N/A	N/A
Connector	UHF / BNC / N Female	UHF / BNC / N Female	UHF / BNC / N Female
Height, in (mm)	4 (102)	4 (102)	4 (102)
Length, in (mm)	21 (533)	23-1/2 (597)	17 (432)
Width, in (mm)	3 (76)	2-1/8 (54)	2 (51)
Weight, lbs (kg)	2.1 (0.945)	6 (2.7)	5 (2.27)
Minimum Ground Plane Size, in (mm)	36 x 48 (914 x 1219)	36 x 48 (914 x 1219)	36 x 48 (914 x 1219)



357-75-ABS

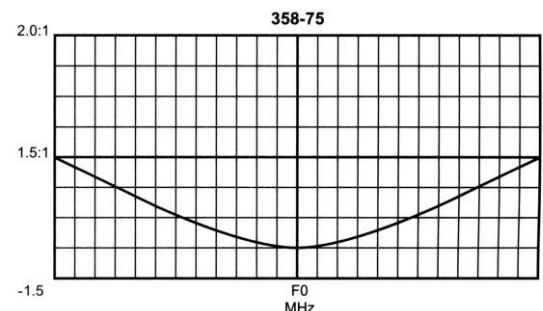
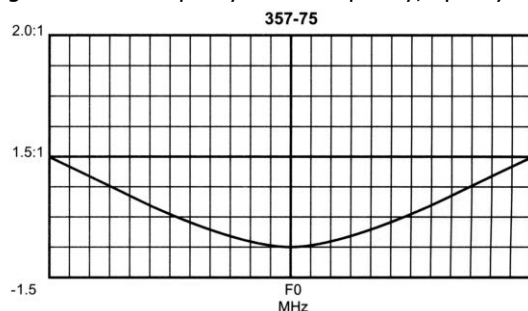


358-75



364-75

Ordering information: Specify exact frequency, Specify connector type, UHF, BNC or N Female



359-75 and 360-75

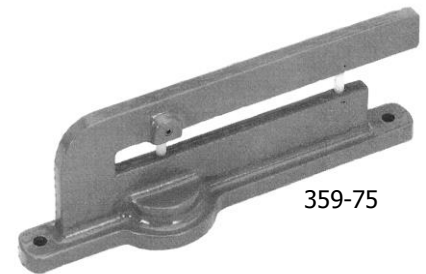
Our line of UHF transit antennas is a low profile rugged alternative to 1/4 wave whips. When mounted on a horizontal surface, maximum radiation is omnidirectional and vertically polarized.

These antennas are an excellent choice for low clearance applications such as those found on trains, public transit vehicles, construction equipment and police vehicles.

The model 359-75 is a high strength cast aluminum design. The antenna can be coated for additional protection against harsh environmental conditions. To ensure a moisture proof installation, the model 359-75 is supplied with an O-ring.

The model 360-75-ABS is a folded 1/4 wavelength section of aluminum tube housed in an impact resistant ABS radome. To ensure a moisture proof installation, the model 360-75-ABS is supplied with a mounting gasket.

Electrical Specifications	359-75	360-75-ABS
Nominal Gain	Unity	Unity
Maximum Power, Watts	125	125
Frequency Range, MHz	406-512	406-512
Bandwidth VSWR: 1.5:1, MHz	18	20
Bandwidth VSWR: 2.0:1, MHz	27	40
Nominal Impedance, Ohms	50	50
Radiation Pattern	Omnidirectional	Omnidirectional
Polarization	Vertical	Vertical
Radome Material	N/A	High Impact ABS
Connector	UHF / BNC / N Female	UHF / BNC / N Female
Height, in (mm)	2-1/2 (64)	3 (76)
Length, in (mm)	8 (203)	11 (279)
Width, in (mm)	2 (51)	3-1/4 (83)
Weight, lbs (kg)	0.75 (0.338)	1 (0.45)
Minimum Ground Plane Size, in (mm)	20 x 16 (508 x 406)	20 x 16 (508 x 406)

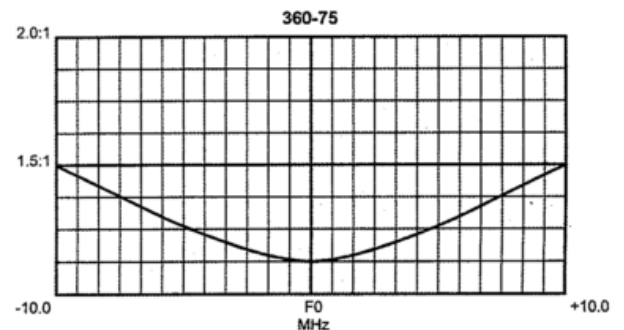
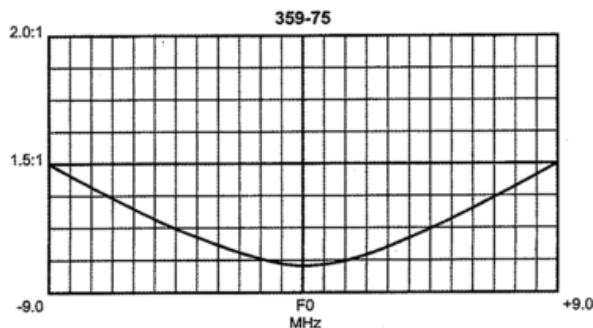


359-75



360-75-ABS

Ordering information: Specify exact frequency, Specify connector type, UHF, BNC or N Female



361-75 and 362-75

Our line of radome transit antennas for operation in the 806-960 MHz band consists of compact, low profile antennas in weatherproof ABS radomes. When mounted on a horizontal surface, maximum radiation is omnidirectional and vertically polarized.

These antennas are an excellent choice for low clearance applications such as those found on trains, mass transit vehicles, construction equipment and police and emergency vehicles.

The 361-75-ABS model is a space diversity design that provides greater communication reliability in a poor environment. To ensure a moisture proof installation, the 361-75-ABS model is supplied with an O-ring.

The 362-75-ABS model is a standard, folded radiator housed in a sturdy high-impact ABS radome. To ensure a moisture proof installation, the 362-75-ABS model is supplied with a mounting gasket.

Electrical Specifications	361-75-ABS	362-75-ABS
Nominal Gain	Unity	Unity
Maximum Power, Watts	50	125
Frequency Range, MHz	806-960	806-960
Bandwidth VSWR: 1.5:1, MHz	140	66
Bandwidth VSWR: 2.0:1, MHz	N/A	100
Nominal Impedance, Ohms	50	50
Radiation Pattern	Omnidirectional	Omnidirectional
Polarization	Vertical	Vertical
Radome Material	High Impact ABS	High Impact ABS
Connector	N Female	N Female
Height, in (mm)	3.15 (80)	2 (51)
Diameter, in (mm)	9.3 (236)	4.5 (114)
Weight, lbs (kg)	2.5 (1.15)	0.375 (0.169)
Minimum Ground Plane Size, in (mm)	14 x 14 (355 x 355)	10 x 10 (254 x 254)



361-75-ABS



362-75-ABS

