

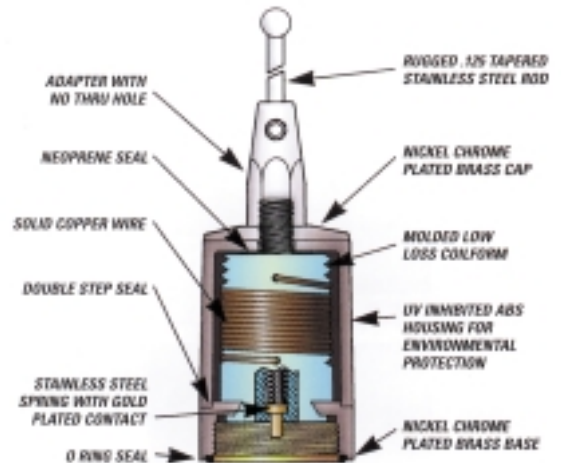
MOBILE AND TRANSIT ANTENNAS

Our Mobile and Transit antenna lines are the best and most unique products in the market. All of our products are suited for Government and Utility applications, long-term, hassle-free installations.

We use Stainless Steel whips, incorporate High Impact ABS, and Gold Plated spring loaded contacts when ever possible, insuring long-term reliability and performance.

Our multi-band antennas have been developed for transmitting and receiving Data, Voice, and Video. Ideal for applications that require install and forget capabilities.

We have developed many Wideband and Full-Band VHF, UHF, and 700/800/900 antenna models. Please call for more details.



	Frequency								Gain				Options			
	Model	Lo-Band	VHF	220	UHF	700	800	900	DUAL	Unity	2dB	3dB	5dB	NGP	Black	W/ Spring
Mobile Antenna	515-75		•									•				•
	550-75		•	•	•	•	•	•	•	•					550-75B	
	555-75		•	•	•	•	•	•	•	•					555-75B	
	552-75		•	•	•					•					552-75B	552-75S
	565-75	•								•					565-75B	565-75S
	577-75		•								•			•		577-75S
	580-75		•									•			580-75B	580-75S
	583-75					•						•			583-75B	583-75S
	588-75					•								•	588-75B	588-75S
	590-75							•	•			•			590-75B	
	591-75						•	•	•			•			591-75B	
	592-75							•	•			•				
	595-75							•	•				•		595-75B	•
	599-75							•	•			•			•	•
	Dual Band	690-75								•					•	
692-75									•					692-75B		
694-75									•					694-75B		
696-75									•					696-75B		
Transit	357-75			•					•							
	358-75			•					•							
	359-75				•				•							
	360-75				•				•							
	361-75					•	•	•	•							
	362-75					•	•	•	•							

MOBILE/TRANSIT

The Comprod line of VHF transit antennas are low profile rugged alternative to quarter 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 on trains, public transit vehicles, construction equipment, police vehicles, etc.

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

The 358-75 model is a high strength cast aluminum design. The antenna can be coated for additional protection against abusive environmental conditions. To ensure moisture proof installation, the 358-75 model is supplied with an O-ring.



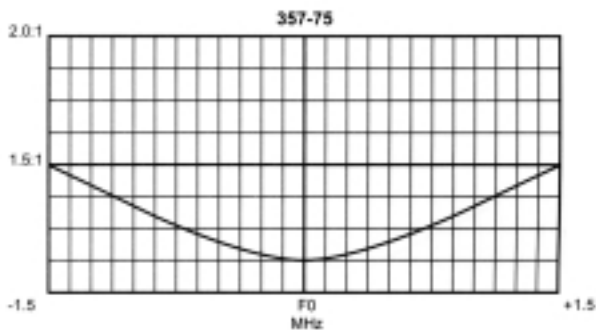
357-75



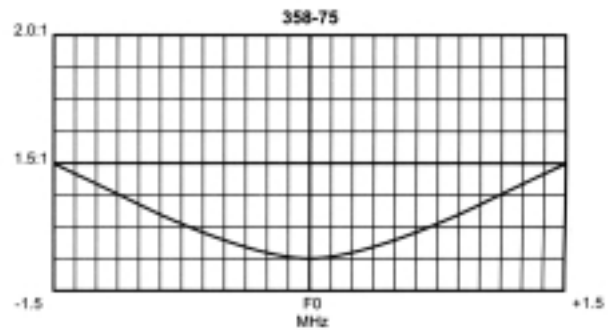
358-75

Specifications	357-75	358-75
Nominal Gain	Unity	
Maximum Power, Watts	150	150
Frequency Range, MHz	148-174	
Bandwidth VSWR : 1.5:1, MHz	3.0	3.0
Bandwidth VSWR : 2.0:1, MHz	4.5	4.0
Nominal Impedance, Ohms	50	
Radiation Pattern	Omni	
Polarization	Vertical	
Radome Material	High Impact ABS	---
Connector	UHF Female	UHF Female
Height, inches (mm)	4 (102)	4 (102)
Length, inches (mm)	21 (533)	23-1/2 (597)
Width, inches (mm)	3 (76)	2-1/8 (54)
Weight, lbs (kg)	2.1 (0.945)	6 (2.7)
Minimum Ground Plane Size, inches (mm)	36x48 (914x1219)	36x48 (914x1219)

MOBILE/TRANSIT



357-75



358-75

The Comprod line of UHF transit antennas are low profile rugged alternative to quarter wave whips. When mounted on a horizontal surface, maximum radiation is omnidirectional and vertically polarized.

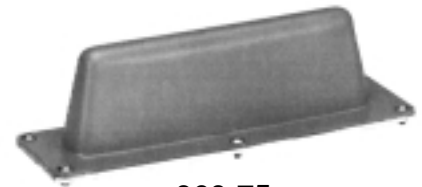
These antennas are an excellent choice for low clearance applications on trains, public transit vehicles, construction equipment, police vehicles, etc.

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



359-75

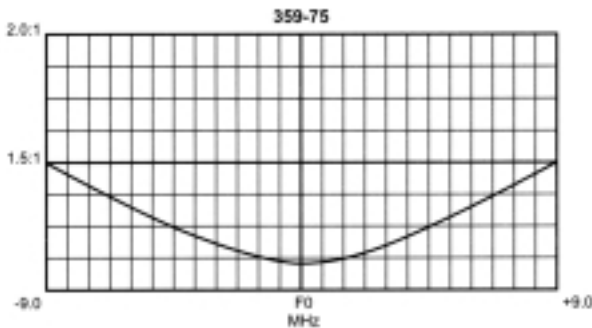
The 360-75 model is a folded quarter wavelength section of aluminum tube housed in an impact resistant ABS radome. To ensure moisture proof installation, the 360-75 model is supplied with a mounting gasket.



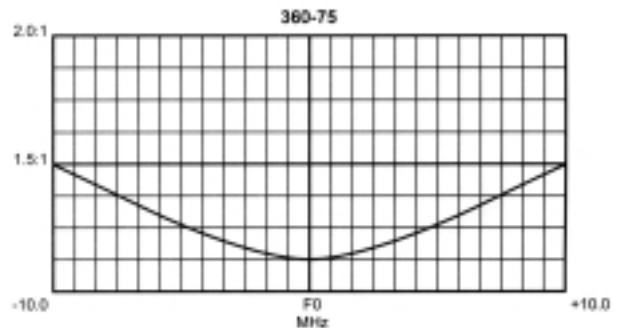
360-75

MOBILE/TRANSIT

Specifications	359-75	360-75
Nominal Gain	Unity	
Maximum Power, Watts	125	125
Frequency Range, MHz	406-512	
Bandwidth VSWR : 1.5:1, MHz	18	20
Bandwidth VSWR : 2.0:1, MHz	27	40
Nominal Impedance, Ohms	50	
Radiation Pattern	Omnidirectional	
Polarization	Vertical	
Radome Material	---	High Impact ABS
Connector	UHF Female / BNC	UHF Female / BNC
Height, inches (mm)	2-1/2 (64)	3 (76)
Length, inches (mm)	8 (203)	11 (279)
Width, inches (mm)	2 (51)	3-1/4 (83)
Weight, lbs (kg)	0,75 (0.338)	1 (0.45)
Minimum Ground Plane Size, inches (mm)	20x16 (508x406)	20x16 (508x406)



359-75



360-75

The Comprod line of radome transit antennas for operation in the 806-960MHz 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 on trains, mass transit vehicles, construction equipment, police and emergency vehicles, etc.

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

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



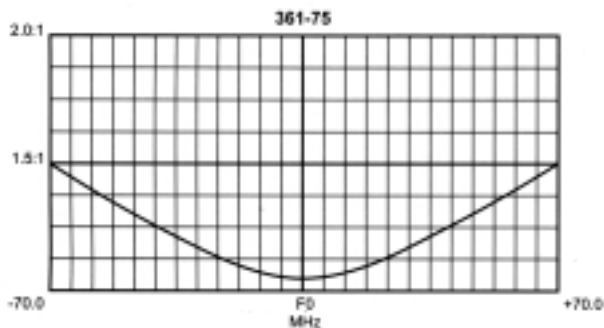
361-75



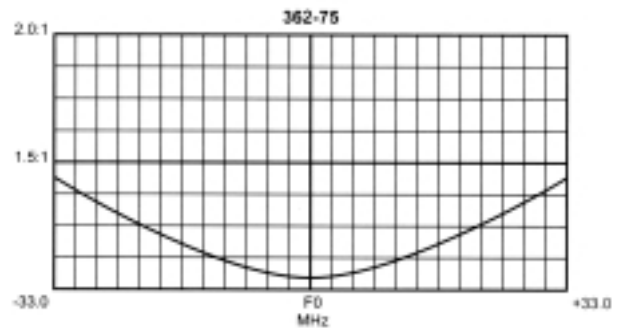
362-75

Specifications	361-75	362-75
Nominal Gain	Unity	
Maximum Power, Watts	50	100
Frequency Range, MHz	806-960	
Bandwidth VSWR : 1.5:1, MHz	140	66
Bandwidth VSWR : 2.0:1, MHz	-	100
Nominal Impedance, Ohms	50	
Radiation Pattern	Omnidirectional	
Polarization	Vertical	
Radome Material	High Impact ABS	High Impact ABS
Connector	N Female	N Female
Height, inches (mm)	3.15 (80)	2 (51)
Diameter, inches (mm)	9.3 (236)	4.5 (114)
Weight, lbs (kg)	2.5 (1.15)	0.375 (0.169)
Minimum Ground Plane Size, inches (mm)	14x14 (355x355)	10x10 (254x254)

MOBILE/TRANSIT



361-75



362-75


				
MMM	MMNBO	BSMN	547-75	548-75
				
TMBM 547-75	Whip Adapter Black	Whip Adapter Chrome	MGAS 545-75	MGLAS 546-75
				
Battery Tap A1001A				

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	Univesel Base Mount
453-75	Straight Whip (24" Length) + 5/16 - 24 Thread Adapter
455-75	Unity Gain Ae. / 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, PI-259
547-75	Trunk Mount Kit, Motorola base, 12 ft. RG58A/U, PL-259
548-75	Trunk Mount Kit, 5/16" stud mount, 12 ft. RG58A/U, PI-259
551-75	C-Mount (3/8"-3/4") c/w 17 ft. RG58A/U, PL-259
634-75	Rubber Hole Plug for 7/8" hole diameter
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)

MOBILE/TRANSIT

MOBILE ANTENNAS / ACCESSORIES

THICK BODY MOUNTS

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.
BSMO		Mobile to base Adapter only, includes hose.
BSMO-450		UHF mobile-to-base adapter w/artificial groundplane, N-Female connector (antenna not included).
BSMO-800		800/900 mobile-to-base adapter w/artificial N-Female connector.

MOBILE/TRANSIT

MOBILE ANTENNAS / ACCESSORIES

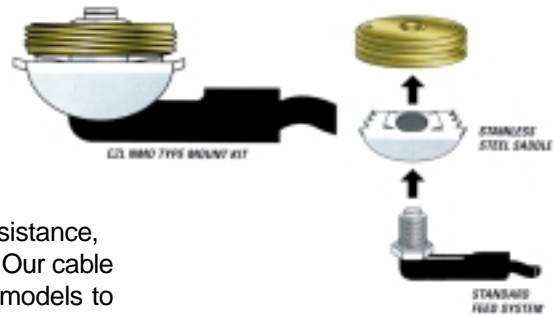
MOBILE MOUNTS



CABLE KITS

Our brass mounts and cable kits are the best in the industry. They were designed to match our mobile antenna line ensuring that our customers receive the best performance from the antennas and cable kits as a whole.

Our cable kits generate a perfectly matched 50 Ohms resistance, designed to match our each and every antenna designs. Our cable kits are one of the factors that allows for our wideband models to out perform the competition.



551-75	C	All Brass	3/4-3/8" Mount Only
551A-75	M	Standard	3/4" Mount Only
551B-75	MB	All Brass	3/4" Mount Only
551C-75	MH	Standard	3/4" Mount Only (Large contact)
551D-75	MHB	All Brass	3/4" Mount Only (Large contact)
551E-75	ASC	All Brass	3/4-3/8" k166 Type Mount

CONNECTORS

Comprod Communications carries and stocks a complete line of connectors. Please call our Technical Support Department for more information.



MOBILE ANTENNAS / ACCESSORIES

RG-58A/U	RG-58/U	MOUNTS WITH 17' OF RG-58A/U STANDARD 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 UH
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

MOBILE ANTENNAS / ACCESSORIES

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
545-75-06	Magnet Mount with Crimp UHF
545-75-05	Magnet Mount with Type N
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
546-75-06	Magnet Mount with Crimp UHF
546-75-05	Magnet Mount with Type N
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
547-75-06	Trunk Mount with Crimp UHF
547-75-05	Trunk Mount with Type N
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
548-75-06	Trunk Mount with Crimp UHF
548-75-05	Trunk Mount with Type N
548-75-07	Trunk Mount with Crimp N

MOUNTING BRACKETS

TMBC	Stainless Trunk L 3/8" Hole (Brite)
TMBM	Stainless Trunk L 3/4" Hole (Brite)
TMBCB	Stainless Trunk L 3/8" Hole (Black)
TMBMB	Stainless Trunk L 3/4" 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" Order Cable Kits Separately
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MOBILE ANTENNAS / ACCESSORIES

Part #	Description
DBW	Dual Band Whip 100
DBWB	Dual Band Whip 100, Black
QWP	20" Stainless Whip 100
EFW	Elevated Feed Whip Assembly
WP45A-X	3.5dB Whip Assembly 450MHz
WP45B-X	3.5dB Whip Assembly 450MHz, Black