



HEAVY DUTY RADOME ANTENNAS

AE4704, AE4705 & AE4706

The AE4700 series is an adaptable antenna system with the coaxial termination embedded within the spring assembly with easy screw down fitment of the whip.

This allows for interchangeability of whips depending on the operating conditions and application- shorter lengths with lower gain for hilly terrain and longer lengths with higher gain for travelling on open roads with flat terrain.

The ability to unscrew the whip and cover the connector with a protective cap (included in the pack) allows the whip to be taken off if not required.

GME's 4700 series of antennas are pre terminated with an FME connection, allowing for a true plug'n'play solution. FME termination eases the complicated installation process, instead users simply connect their antenna into their radio with minimal install time.

FEATURES

Fibreglass Radome

Heavy Duty Spring Base

Ground Independent Design

Pre-terminated – FME Connector

Interchangeable Antenna Whips

Available Colours – Black on Black, White on Black,
White on Brushed Stainless Steel

Length – 580mm, 1200mm, 2100mm



PRODUCT DETAILS			
Model	AE4704	AE4705	AE4706
Band	UHF	UHF	UHF
Frequency	477 MHz	477 MHz	477 MHz
VSWR	<1.5:1	<1.5:1	<1.5:1
Nominal Gain (dBi)	2.1dBi	6.6dBi	8.1dBi
Input Power (w)	25	25	25
Impedence (Ω)	50	50	50
Polarisation	Vertical	Vertical	Vertical
H Plane	360°	360°	360°
Cable Type	Low Loss RG58	Low Loss RG58	Low Loss RG58
Cable Length (m)	5.0	5.0	5.0
Cable Termination	FME	FME	FME
Tuning	Fixed Tuned	Fixed Tuned	Fixed Tuned
Grounding	Ground Independent	Ground Independent	Ground Independent
Length (mm)	580	1200	2100
Mechanical Construction	Tapered Fibreglass Radome	Tapered Fibreglass Radome	Tapered Fibreglass Radome
Spring	631 Stainless Heavy Duty Barrel Spring	631 Stainless Heavy Duty Barrel Spring	631 Stainless Heavy Duty Barrel Spring
Mounting	1/2" BSW Threaded Stud and Nut	1/2" BSW Threaded Stud and Nut	1/2" BSW Threaded Stud and Nut
Available Colours	Black on Black / White on Black / White on Brushed Stainless Steel	Black on Black / White on Black / White on Brushed Stainless Steel	Black on Black / White on Black / White on Brushed Stainless Steel
Suggested Installation/ Mounting	Bull Bar Tab or Heavy Duty Bull Bar Mounting Brackets	Bull Bar Tab or Heavy Duty Bull Bar Mounting Brackets	Bull Bar Tab or Heavy Duty Bull Bar Mounting Brackets
Packaging	Display Bag	Display Bag	Display Bag
Shipping Weight (kg)	1.51 kg	1.95 kg	2.15 kg
Shipping Dimensions (WxHxD)	140 x 750 x 50 mm	140 x 1320 x 50 mm	140 x 2230 x 50 mm
Country of Origin	Australia	Australia	Australia

ACCESSORIES

AW4704 – Antenna Whip - Suit AE4704 – Available in Black on Black, White on Black and White on Brushed Stainless Steel

AW4705 – Antenna Whip - Suit AE4705 – Available in Black on Black, White on Black and White on Brushed Stainless Steel

AW4706 – Antenna Whip - Suit AE4706 – Available in Black on Black and White on Brushed Stainless Steel

AS004 – Heavy Duty Barrel Spring – Available in Black or Brushed Stainless Steel

AS004SSK – Spring Base Grub Screw

AS004BFUHF – AS004B Base UHF W/FME Fitted – 5M Coax Cable – Available in Black

AS004BFUHF-6 – AS004B Base UHF W/FME Fitted – 6M Coax Cable – Available in Black

ABL004 – Antenna Base & Lead - Suit AE4700 Series

CA006 – Antenna Base Cap – Suit AE4704, AE4705, AE4706 – Available in Black or Brushed Stainless Steel



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GME's Australian Manufacturing facility is ISO9001:2015 certified.