



# MEDIUM DUTY RADOME ANTENNAS

## AE4702, AE4703, AE4707 & AE4708B

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 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

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Fibreglass Radome

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Medium Duty Spring Base

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Ground Independent Design

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Pre-terminated – FME Connector

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Interchangeable Antenna Whips

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

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Length – 595mm, 600mm, 1060mm, 1100mm

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**PRODUCT DETAILS**

Model	AE4702	AE4703	AE4707B	AE4708B
Band	UHF	UHF	UHF	UHF
Frequency	477 MHz	477 MHz	477 MHz	477 MHz
VSWR	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Nominal Gain (dBi)	6.6dBi	6.6dBi	2.1dBi	2.1dBi
Input Power (w)	25	25	25	25
Impedance ( $\Omega$ )	50	50	50	50
Polarisation	Vertical	Vertical	Vertical	Vertical
H Plane	360°	360°	360°	360°
Cable Type	Low Loss RG58	Low Loss RG58	Low Loss RG58	Low Loss RG58
Cable Length (m)	5.0	5.0	5.0	5.0
Cable Termination	FME	FME	FME	FME
Tuning	Fixed Tuned	Fixed Tuned	Fixed Tuned	Fixed Tuned
Grounding	Ground Independent	Ground Independent	Ground Independent	Ground Independent
Length (mm)	1060	1100	595	600
Mechanical Construction	Tapered Fibreglass Radome	Tapered Fibreglass Radome	Tapered Fibreglass Radome	Tapered Fibreglass Radome
Spring	631 Stainless Medium Duty Barrel Spring	631 Stainless Medium Duty Parallel Spring	631 Stainless Heavy Duty Barrel Spring	631 Stainless Heavy Duty Parallel Spring
Mounting	1/2" BSW Threaded Stud and Nut	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 Brushed Stainless Steel	Black on Black / White on Brushed Stainless Steel	Black on Black	Black on Black
Suggested Installation/ Mounting	Bull Bar Tab or Mounting Brackets	Bull Bar Tab or Mounting Brackets	Bull Bar Tab or Mounting Brackets	Bull Bar Tab or Mounting Brackets
Packaging	Display Bag	Display Bag	Display Bag	Display Bag
Shipping Weight (kg)	1.06 kg	1.08 kg	0.97 kg	1.16 kg
Shipping Dimensions (WxHxD)	140 x 1250 x 50 mm	140 x 1260 x 50 mm	140 x 700 x 50 mm	140 x 700 x 50 mm
Country of Origin	Australia	Australia	Australia	Australia

**ACCESSORIES**

AW4702 – Antenna Whip - Suit AE4702 – Available in Black on Black, White on Brushed Stainless Steel

AW4703 – Antenna Whip - Suit AE4703 – Available in Black on Black, White on Brushed Stainless Steel

AW4707B – Antenna Whip - Suit AE4707B – Available in Black on Black

AW4708B – Antenna Whip - Suit AE4708B – Available in Black on Black

AS002 – Medium Duty Barrel Spring – Available in Black or Brushed Stainless Steel

AS003 – Medium Duty Parallel Spring – Available in Black or Brushed Stainless Steel

AS002BFUHF – AS002B Base UHF W/FME Fitted – Available in Black

ABL004 – Antenna Base & Lead - Suit AE4700 Series

CA005 – Antenna Base Cap - Suit AE4701, AE4702, AE4703 – Available in Black or Brushed Stainless Steel



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