JONSA®
AUSTRALIA

WIND LOADING

DECLARATION OF CONFORMITY
FOR SATELLITE DISHES & MOUNTING HARDWARE

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Date: 9th May 2019

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DECLARATION OF CONFORMITY

The information provided in this document has been certified, qualified and tested by third party structural engineers, in accordance with the installation parameters specified in this conformity document along with compliance to the following Australian Standards:

- Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
- Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
- Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
- Wind Loads for Housing AS 4055:2012
- Steel Structures AS 4100:1998
- Timber Structures AS 1720.1-2010: Part 1: Design methods
- Residential timber framed construction AS 1684:2010
- Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007.

Important: For the Northern Territory, please refer to the link below, on their Building Notes on Satellite Dishes where different regulations apply:
https://nt.gov.au/__data/assets/pdf_file/0015/209040/note-45-minor-roof-attachments-satellite-dishes.pdf

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DECLARATION OF CONFORMITY

The use of non JONSA mounting hardware with JONSA satellite dishes is not recognised nor approved in this conformity declaration.
The use of JONSA mounting hardware with non JONSA satellite dishes is not recognised nor approved in this conformity declaration.

This conformity document is only applicable to the use of JONSA mounting hardware with the appropriate size JONSA satellite dish.

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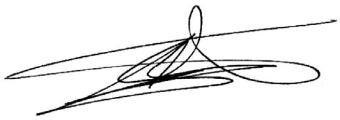
Hence, this declaration of conformity only covers the JONSA products within this document as listed above.

Yours Sincerely



Simon Booth
Product Manager

SATELLITE DISH 65 CM

1.1 Satellite Dish 65 cm

SATELLITE DISH 65 CM OFFSET FIXED (1 PK) SDJ6502C1

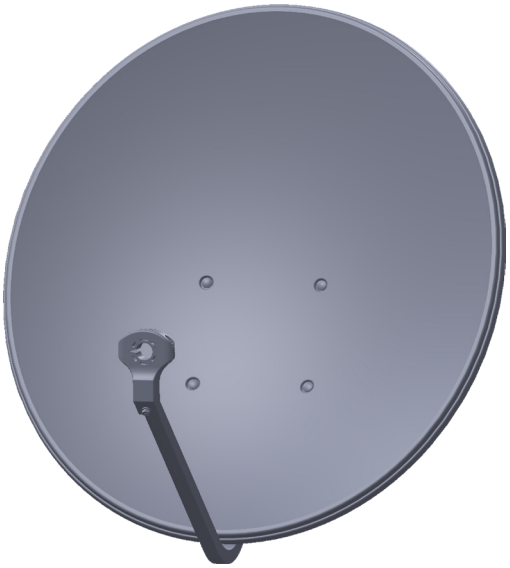
FOXTEL: F30659

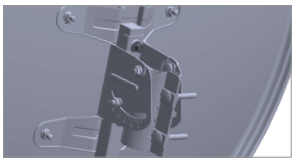
SATELLITE DISH 65 CM OFFSET FIXED (4 PK) SDJ6502C4

FOXTEL: F30659

SATELLITE DISH 65 CM OFFSET FIXED (80 PK) SDJ6502B

FOXTEL: F30659





Strong, durable can pole mount

High quality powder coating with a rolled edge on the dish for extra strength

The polyester based powder coating is designed for the harsh Australian climate:

- Salt spray
- Ultra violet light

1.2 Satellite Dish 65 cm - Specifications

Specifications	SDJ6502	
Reflector		
Type	Offset	
Offset Angle	24.62°	
Aperture (Diameter)	Horizontal Axis: 65 cm	Vertical Axis: 72.62 cm
Efficiency	75 % min.	
Ku-Band Gain @ 12.50 GHz	37.44 dBi	
F/D Ratio	0.6	
Focus Length	390 mm	
Material	Galvanised Steel	
Finish	Polyester Powder Coating	
Colour	Grey/Cool Grey/Dark Grey	
Mounting		
Mounting Type	Pole, Wall & Ground Mount	
Adjustment Type	AZ/EL	
Material	Galvanised Steel	
Finish	Polyester Powder Coating	
Colour	Dark Grey	
Elevation	12° … 70°	
Azimuth	0° … 360°	
Pole Diameter	32 … 60 mm	
Environment		
Ambient Temperature	- 40°C … + 60°C	
Relative Humidity	0 … 100%	

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SATELLITE DISH 65 CM

1.3 Satellite Dish 65 cm - Wind Load Limits

SDJ6502 - 65 cm SATELLITE DISH AS4055:2012 WIND LOADS FOR HOUSING - DESIGN WIND GUST SPEED FOR CLASSIFICATION			
WIND CLASS		DESIGN GUST WIND SPEED	
REGIONS A & B (NON-CYCLONIC)	REGIONS C & D (CYCLONIC)	ULTIMATE SURVIVAL LIMIT	
N1	-3	4 m/s	122 Km/h
N2	-4	0 m/s	140 Km/h
N3	C1	50 m/s	180 Km/h
N3*	C1*	60.1 m/s	216.4 Km/h
N4	C2	61 m/s	220 Km/h
N5	C3	74 m/s	266 Km/h
N6	C4	86 m/s	310 Km/h
SERVICEABILITY LIMIT			
45 m/s		162 Km/h	
OPERATIONAL LIMIT			
25 m/s		90 Km/h	

The wind speeds shown above are based on a 1:50 year occurrence.
Figures based on the appropriate JONSA heavy duty mounting hardware used in conjunction with this satellite dish.

Ultimate = The satellite dish will be permanently and no longer operational, the dish may be deformed but still intact.
Serviceability = The satellite dish will be in operation before and after the occurrence.
Operational = The satellite dish will remain in operation throughout the occurrence.

***Tested to 60.1 m/s and the test was stopped with no deformation. The wind speed could have increased further but at this speed the roof would have been ripped off the house. However under these circumstances, a typical ultimate survival limit of 60.1 m/s has been documented although this dish would exceed this limitation.**

Typical design state for our Satellite Dishes
Design Wind Gust for Region A = N3 / C1
Design Wind Gust for Region B = N4 / C2
Design Wind Gust for Region C = N5 / C3
Design Wind Gust for Region D = N6 / C4

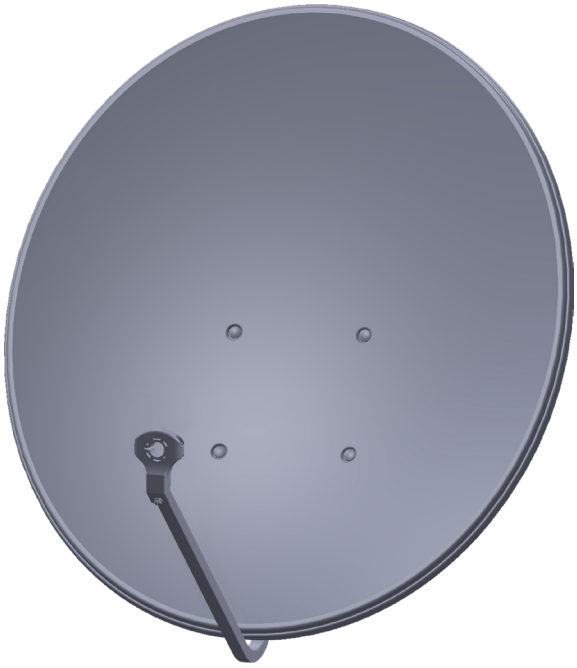
SATELLITE DISH 85 CM

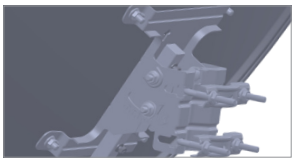
2.1 Satellite Dish 85 cm

SATELLITE DISH 85 CM OFFSET FIXED (1 PK) SDJ8501C1
FOXTEL: F30126

SATELLITE DISH 85 CM OFFSET FIXED (4 PK) SDJ8501C4
FOXTEL: F30126

SATELLITE DISH 85 CM OFFSET FIXED (60 PK) SDJ8501B
FOXTEL: F30126





Strong, durable pole mount

High quality powder coating with a rolled edge on the dish for extra strength

The polyester based powder coating is designed for the harsh Australian climate:
- Salt spray
- Ultra violet light

2.2 Satellite Dish 85 cm - Specifications

Specifications	SDJ8501	
Reflector		
Type	Offset	
Offset Angle	24.6°	
Aperture (Diameter)	Horizontal Axis: 85 cm	Vertical Axis: 93.6 cm
Efficiency	70 % min.	
Ku-Band Gain @ 12.50 GHz	39 dBi	
F/D Ratio	0.6	
Focus Length	510 mm	
Material	Galvanised Steel	
Finish	Polyester Powder Coating	
Colour	Dark Grey	
Mounting		
Mounting Type	Pole, Wall & Ground Mount	
Adjustment Type	AZ/EL	
Material	Galvanised Steel	
Finish	Polyester Powder Coating	
Colour	Dark Grey	
Elevation	0° … 85°	
Azimuth	0° … 360°	
Pole Diameter	38 … 60 mm	
Environment		
Ambient Temperature	- 40°C … + 60°C	
Relative Humidity	0 … 100%	

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SATELLITE DISH 85 CM

2.3 Satellite Dish 85 cm - Wind Load Limits

SDJ8501 - 85 cm SATELLITE DISH AS4055:2012 WIND LOADS FOR HOUSING - DESIGN WIND GUST SPEED FOR CLASSIFICATION			
WIND CLASS		DESIGN GUST WIND SPEED	
REGIONS A & B (NON-CYCLONIC)	REGIONS C & D (CYCLONIC)	ULTIMATE SURVIVAL LIMIT	
N1	-3	4 m/s	122 Km/h
N2	-4	0 m/s	140 Km/h
N3	C1	50 m/s	180 Km/h
N3*	C1*	51 m/s	183.6 Km/h
N4	C2	61 m/s	220 Km/h
N5	C3	74 m/s	266 Km/h
N6	C4	86 m/s	310 Km/h
SERVICEABILITY LIMIT			
40 m/s		144 Km/h	
OPERATIONAL LIMIT			
25 m/s		90 Km/h	

The wind speeds shown above are based on a 1:50 year occurrence.
Figures based on the appropriate JONSA heavy duty mounting hardware used in conjunction with this satellite dish.

Ultimate = The satellite dish will be permanently and no longer operational, the dish may be deformed but still intact.
Serviceability = The satellite dish will be in operation before and after the occurrence.
Operational = The satellite dish will remain in operation throughout the occurrence.

***Tested to 51 m/s and the test was stopped when the centre of the dish began to bulge and deform to reduce the wind loading on the dish, hence the ultimate survival limit of 51 m/s has been documented.**

Typical design state for our Satellite Dishes
Design Wind Gust for Region A = N3 / C1
Design Wind Gust for Region B = N4 / C2
Design Wind Gust for Region C = N5 / C3
Design Wind Gust for Region D = N6 / C4

SATELLITE DISH 90 CM

3.1 Satellite Dish 90 cm

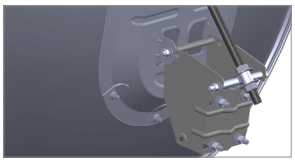
SATELLITE DISH 90 CM OFFSET FIXED (1 PK) SDJ90C1

FOXTEL: F10096

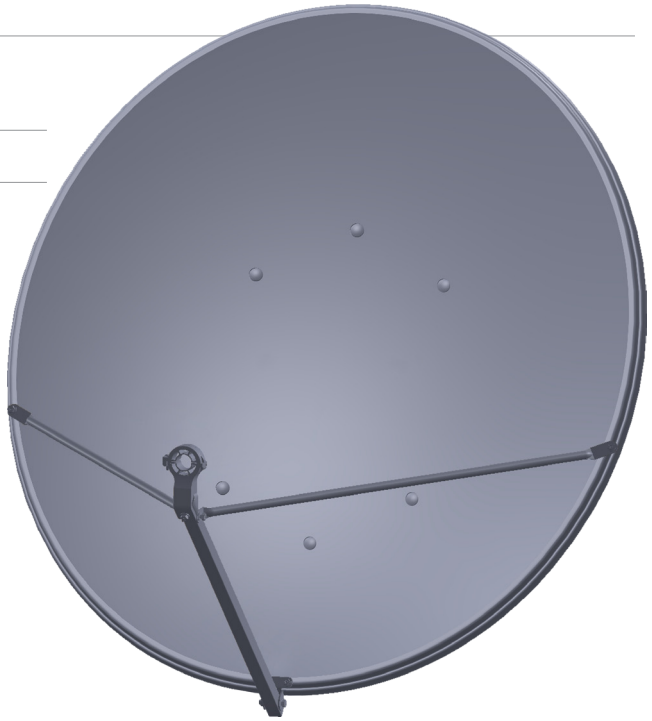
SATELLITE DISH 90 CM OFFSET FIXED (10 PK) SDJ90B

FOXTEL: F10096

High Quality Polyester Powder Coating



Strong & Durable Pole Mount



The polyester based powder coating is designed for the harsh Australian climate:

- Salt spray
- Ultra violet light
- Best suited for commercial installations

3.2 Satellite Dish 90 cm - Specifications

Specifications	SDJ90	
Reflector		
Type	Offset	
Offset Angle	24.62°	
Aperture (Diameter)	Horizontal Axis: 90 cm	Vertical Axis: 99 cm
Efficiency	76 % min.	
Ku-Band Gain @ 12.50 GHz	39.82 dBi	
F/D Ratio	1.6	
Focus Length	541 mm	
Material	Galvanised Steel	
Finish	Polyester Powder Coating	
Colour	Dark Grey	
Mounting		
Mounting Type	Pole, Wall & Ground Mount	
Adjustment Type	AZ/EL	
Material	Galvanised Steel	
Finish	Polyester Powder Coating	
Colour	Dark Grey	
Elevation	0° … 90°	
Azimuth	0° … 360°	
Pole Diameter	42 … 60 mm	
Environment		
Ambient Temperature	- 40°C … + 60°C	
Relative Humidity	0 … 100%	

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SATELLITE DISH 90 CM

3.3 Satellite Dish 90 cm - Wind Load Limits

SDJ90 - 90 cm SATELLITE DISH AS4055:2012 WIND LOADS FOR HOUSING - DESIGN WIND GUST SPEED FOR CLASSIFICATION			
WIND CLASS		DESIGN GUST WIND SPEED	
REGIONS A & B (NON-CYCLONIC)	REGIONS C & D (CYCLONIC)	ULTIMATE SURVIVAL LIMIT	
N1	-3	4 m/s	122 Km/h
N2	-4	0 m/s	140 Km/h
N3	C1	50 m/s	180 Km/h
N3*	C1*	55 m/s	198 Km/h
N4	C2	61 m/s	220 Km/h
N5	C3	74 m/s	266 Km/h
N6	C4	86 m/s	310 Km/h
SERVICEABILITY LIMIT			
47 m/s		169 Km/h	
OPERATIONAL LIMIT			
25 m/s		90 Km/h	

The wind speeds shown above are based on a 1:50 year occurrence.
Figures based on the appropriate JONSA heavy duty mounting hardware used in conjunction with this satellite dish.

Ultimate = The satellite dish will be permanently and no longer operational, the dish may be deformed but still intact.
Serviceability = The satellite dish will be in operation before and after the occurrence.
Operational = The satellite dish will remain in operation throughout the occurrence.

***Tested to 55 m/s and the test was stopped when the middle clamp started to twist, this could have been a case of not tightening the clamp firm enough, however, a typical ultimate servival limit of 55 m/s has been documented.**

Typical design state for our Satellite Dishes
Design Wind Gust for Region A = N3 / C1
Design Wind Gust for Region B = N4 / C2
Design Wind Gust for Region C = N5 / C3
Design Wind Gust for Region D = N6 / C4

SATELLITE DISH 1.2 M

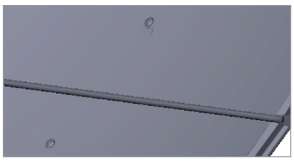
4.1 Satellite Dish 1.2 m

SATELLITE DISH 1.2 M OFFSET FIXED (1 PK) SDJ1/2C1

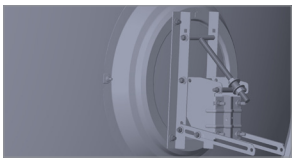
FOXTEL: F10107

SATELLITE DISH 1.2 M OFFSET FIXED (30 PK) SDJ1/2B

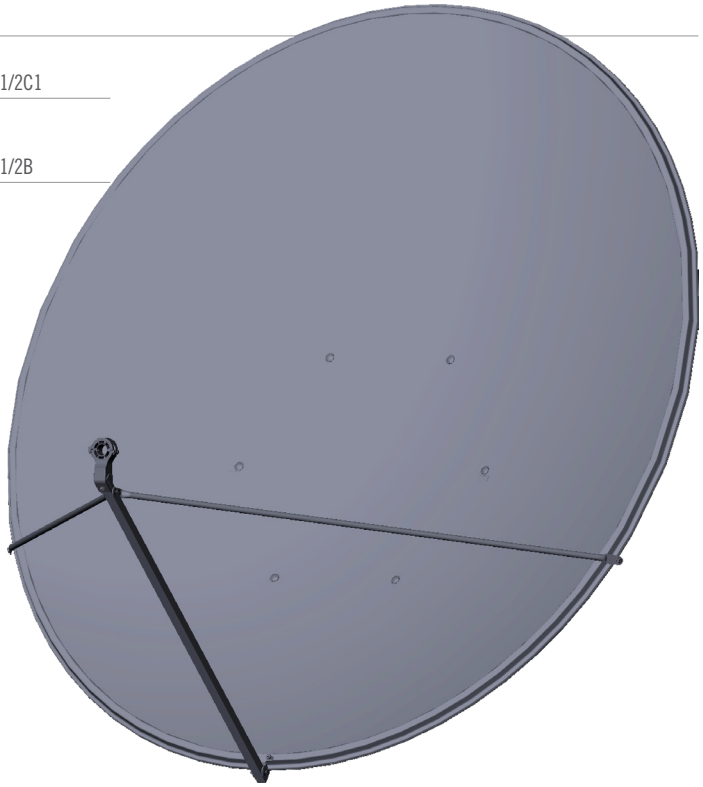
FOXTEL: F10107



High Quality Polyester Powder Coating



Strong & Durable Pole Mount



The polyester based powder coating is designed for the harsh Australian climate:

- Salt spray
- Ultra violet light
- Best suited for commercial installations

4.2 Satellite Dish 1.2 m - Specifications

Specifications	SDJ1/2	
Reflector		
Type	Offset	
Offset Angle	24.62°	
Aperture (Diameter)	Horizontal Axis: 120 cm	Vertical Axis: 132 cm
Efficiency	75 % min.	
Ku-Band Gain @ 12.50 GHz	43.32 dBi	
F/D Ratio	0.6	
Focus Length	720 mm	
Material	Galvanised Steel	
Finish	Polyester Powder Coating	
Colour	Dark Grey	
Mounting		
Mounting Type	Pole & Ground Mount	
Adjustment Type	AZ/EL	
Material	Galvanised Steel	
Finish	Polyester Powder Coating	
Colour	Dark Grey	
Elevation	17° … 90°	
Azimuth	0° … 360°	
Pole Diameter	45 … 76 mm	
Environment		
Ambient Temperature	- 40°C … + 60°C	
Relative Humidity	0 … 100%	

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SATELLITE DISH 1.2 M

4.3 Satellite Dish 1.2 m - Wind Load Limits

SDJ1/2 - 1.2 m SATELLITE DISH AS4055:2012 WIND LOADS FOR HOUSING - DESIGN WIND GUST SPEED FOR CLASSIFICATION			
WIND CLASS		DESIGN GUST WIND SPEED	
REGIONS A & B (NON-CYCLONIC)	REGIONS C & D (CYCLONIC)	ULTIMATE SURVIVAL LIMIT	
N1	-3	4 m/s	122 Km/h
N2	-4	0 m/s	140 Km/h
N3*	C1*	50 m/s	180 Km/h
N4	C2	61 m/s	220 Km/h
N5	C3	74 m/s	266 Km/h
N6	C4	86 m/s	310 Km/h
SERVICEABILITY LIMIT			
40 m/s		144 Km/h	
OPERATIONAL LIMIT			
25 m/s		90 Km/h	

The wind speeds shown above are based on a 1:50 year occurrence.
Figures based on the appropriate JONSA heavy duty mounting hardware used in conjunction with this satellite dish.

Ultimate = The satellite dish will be permanently and no longer operational, the dish may be deformed but still intact.
Serviceability = The satellite dish will be in operation before and after the occurrence.
Operational = The satellite dish will remain in operation throughout the occurrence.

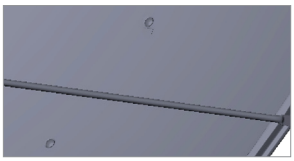
***Tested up to 45.2 m/s and then the test was stopped when the dish began to lean backward reducing the wind load, however, a typical ultimate survival limit of 50 m/s has been documented.**

Typical design state for our Satellite Dishes
Design Wind Gust for Region A = N3 / C1
Design Wind Gust for Region B = N4 / C2
Design Wind Gust for Region C = N5 / C3
Design Wind Gust for Region D = N6 / C4

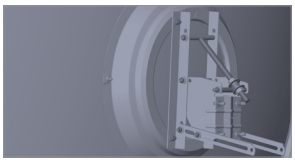
SATELLITE DISH 1.5 M

5.1 Satellite Dish 1.5 m

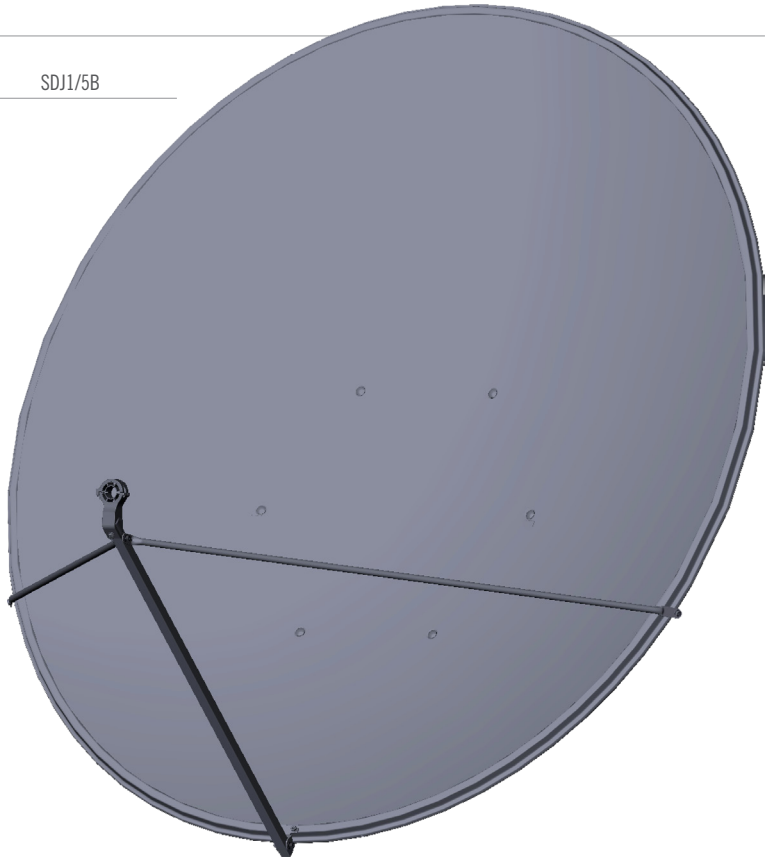
SATELLITE DISH 1.5 M OFFSET FIXED (10 PK) SDJ1/5B



High Quality Polyester Powder Coating



Strong & Durable Pole Mount



The polyester based powder coating is designed for the harsh Australian climate:

- Salt spray
- Ultra violet light
- Best suited for commercial installations

5.2 Satellite Dish 1.5 m - Specifications

Specifications	SDJ1/5	
Reflector		
Type	Offset	
Offset Angle	24.62°	
Aperture (Diameter)	Horizontal Axis: 150 cm	Vertical Axis: 165 cm
Efficiency	75 % min.	
Ku-Band Gain @ 12.50 GHz	44.26 dBi	
F/D Ratio	0.6	
Focus Length	900 mm	
Material	Galvanised Steel	
Finish	Polyester Powder Coating	
Colour	Dark Grey	
Mounting		
Mounting Type	Pole & Ground Mount	
Adjustment Type	AZ/EL	
Material	Galvanised Steel	
Finish	Polyester Powder Coating	
Colour	Dark Grey	
Elevation	18° … 90°	
Azimuth	0° … 360°	
Pole Diameter	60 … 89 mm	
Environment		
Ambient Temperature	- 40°C … + 60°C	
Relative Humidity	0 … 100%	

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SATELLITE DISH 1.5 M

5.3 Satellite Dish 1.5 m - Wind Load Limits

SDJ1/5 - 1.5 m SATELLITE DISH AS4055:2012 WIND LOADS FOR HOUSING - DESIGN WIND GUST SPEED FOR CLASSIFICATION			
WIND CLASS		DESIGN GUST WIND SPEED	
REGIONS A & B (NON-CYCLONIC)	REGIONS C & D (CYCLONIC)	ULTIMATE SURVIVAL LIMIT	
N1	-3	4 m/s	122 Km/h
N2	-4	0 m/s	140 Km/h
N3	C1	50 m/s	180 Km/h
N3*	C1*	50 m/s	180 Km/h
N4	C2	61 m/s	220 Km/h
N5	C3	74 m/s	266 Km/h
N6	C4	86 m/s	310 Km/h
SERVICEABILITY LIMIT			
40 m/s		144 Km/h	
OPERATIONAL LIMIT			
25 m/s		90 Km/h	

The wind speeds shown above are based on a 1:50 year occurrence.
Figures based on the appropriate JONSA heavy duty mounting hardware used in conjunction with this satellite dish.

Ultimate = The satellite dish will be permanently and no longer operational, the dish may be deformed but still intact.
Serviceability = The satellite dish will be in operation before and after the occurrence.
Operational = The satellite dish will remain in operation throughout the occurrence.

***Tested up to 45.2 m/s and then the test was stopped when the dish began to lean backward reducing the wind load, however, a typical ultimate survival limit of 50 m/s has been documented.**

Typical design state for our Satellite Dishes
Design Wind Gust for Region A = N3 / C1
Design Wind Gust for Region B = N4 / C2
Design Wind Gust for Region C = N5 / C3
Design Wind Gust for Region D = N6 / C4

MOUNTING HARDWARE - TIN MOUNTS

6.1 Tin Roof Mount

MOUNT TIN ROOF SUITS 65 CM ... 85 CM SATELLITE DISHES SBS1

FOXTEL: F10402

Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Minimum Stay Bar Brace Angle is: 60°
Maximum Stay Bar Brace Angle is: 120°
Maximum Stay Bar Extended Length: 1400 mm

Cyclonic Areas: Region C
Stay Bar Brace Angle must be at: 90°
(Use two bolts as shown in the mounts Schematic Diagram)
Maximum Stay Bar Extended Length: 1400 mm

6.2 Tin Roof Mount - Wind Load Reference Table

SBS1 TIN MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
65 CM	YES	YES	YES	NO
85 CM	YES	YES	YES	NO

SBS16 (40 x 40 x 3 cm stiffening angle) for metal framed sheet roofs.
SBS16 may be used in other situations (with wooden battens) for stiffening purposes.

DOMESTIC: UP TO A HEIGHT OF 8.5 METRES

COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply:
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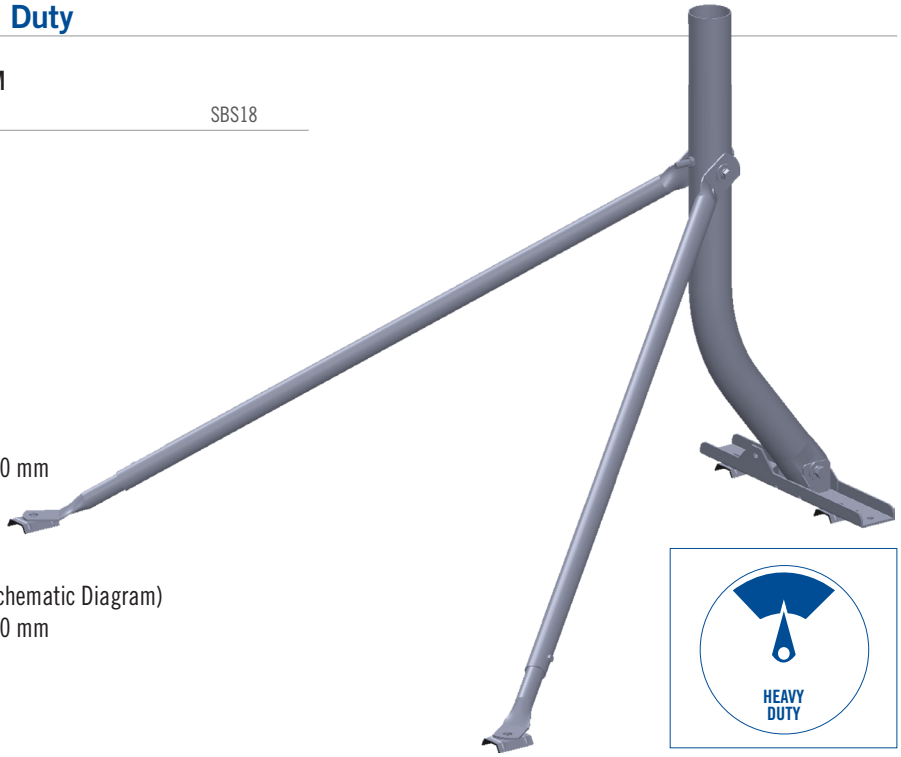
MOUNTING HARDWARE - TIN MOUNTS

7.1 Tin Roof Mount Heavy Duty

MOUNT TIN ROOF SUITS 85 CM ... 90 CM SATELLITE DISHES SBS18

FOXTEL: F10404



Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Minimum Stay Bar Brace Angle is: 60°
Maximum Stay Bar Brace Angle is: 120°
Maximum Stay Bar Extended Length: 1400 mm

Cyclonic Areas: Region C
Stay Bar Brace Angle must be at: 90°
(Use two bolts as shown in the mounts Schematic Diagram)
Maximum Stay Bar Extended Length: 1400 mm

7.2 Tin Roof Mount Heavy Duty - Wind Load Reference Table

SBS18 TIN MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
85 CM	YES	YES	YES	NO
90 CM	YES	YES	YES	NO

SBS16 (40 x 40 x 3 cm stiffening angle) for metal framed sheet roofs.
SBS16 may be used in other situations (with wooden battens) for stiffening purposes.

DOMESTIC: UP TO A HEIGHT OF 8.5 METRES

COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

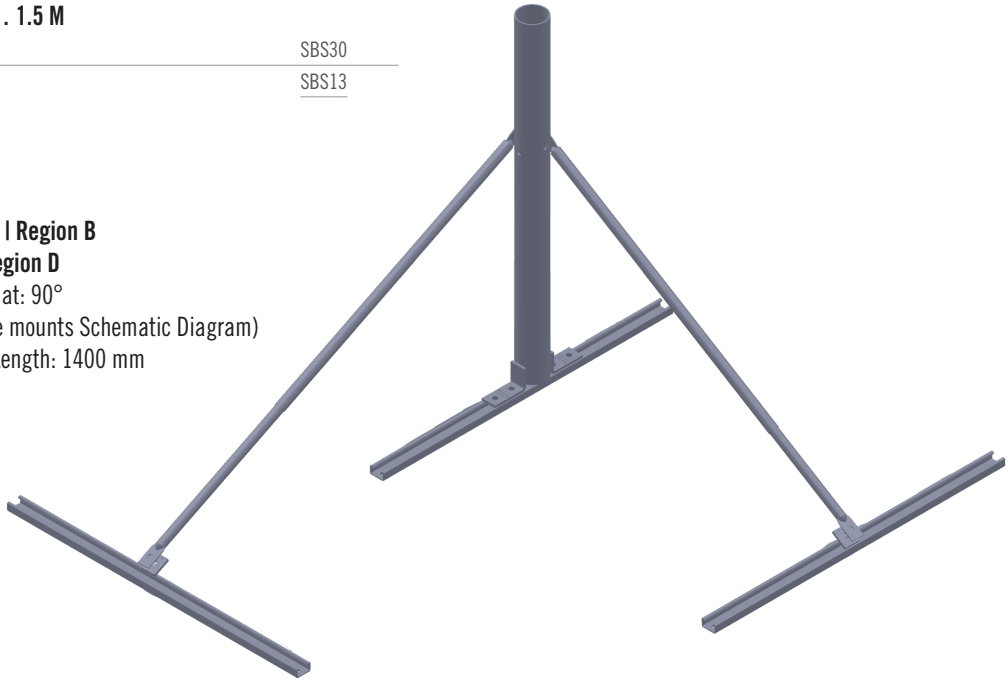
Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply:
https://nt.gov.au/__data/assets/pdf_file/0015/209040/note-45-minor-roof-attachments-satellite-dishes.pdf

MOUNTING HARDWARE - TIN MOUNTS

8.1 Tin Roof Mount Extra Heavy Duty

MOUNT TIN ROOF SUITS 1 M … 1.5 M SATELLITE DISHES SBS30

FOXTEL: F30899 SBS13



Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Cyclonic Areas: Region C | Region D
Stay Bar Brace Angle must be at: 90°
(Use two bolts as shown in the mounts Schematic Diagram)
Maximum Stay Bar Extended Length: 1400 mm

8.2 Tin Roof Mount Extra Heavy Duty - Wind Load Reference Table

SBS30 TIN MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
1 M	YES	YES	YES	YES
1.2 M	YES	YES	YES	NO
1.5 M	YES	YES	NO	NO

DOMESTIC: UP TO A HEIGHT OF 8.5 METRES

COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply:
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MOUNTING HARDWARE - TIN MOUNTS

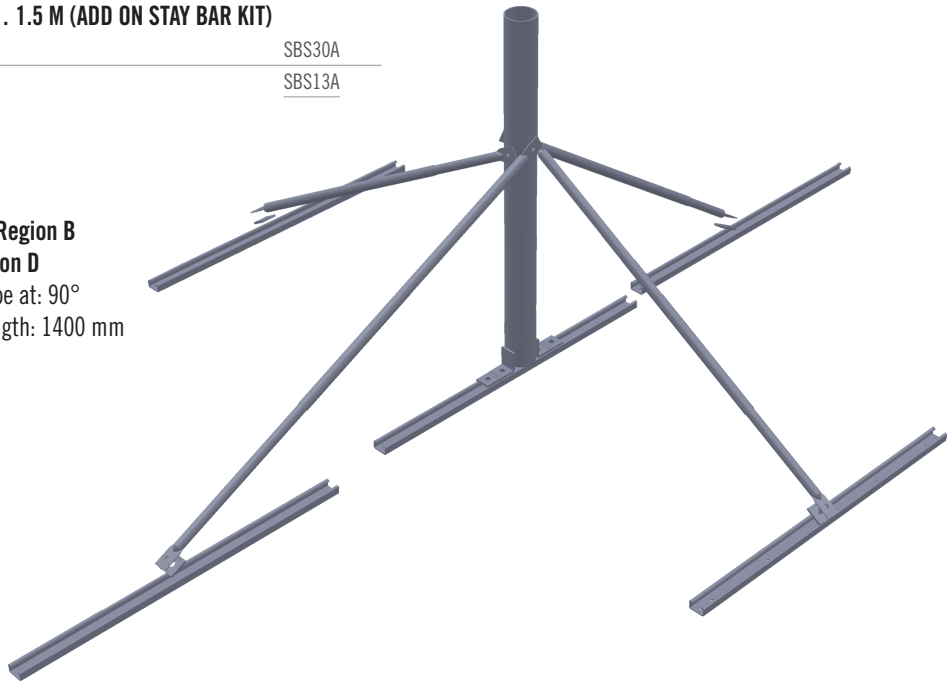
9.1 Tin Roof Mount Extra Heavy Duty (4 Stay Bars)

MOUNT TIN ROOF SUITS 1.2 M … 1.5 M (ADD ON STAY BAR KIT)

SATELLITE DISHES	SBS30A
FOXTEL: F30900	SBS13A

Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Cyclonic Areas: Region C | Region D
Stay Bar Brace Angles must all be at: 90°
Maximum Stay Bar Extended Length: 1400 mm



9.2 Tin Roof Mount Extra Heavy Duty (4 Stay Bars) - Wind Load Reference Table

SBS30A TIN MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
1.2 M	YES	YES	YES	YES
1.5 M	YES	YES	YES	NO

DOMESTIC: UP TO A HEIGHT OF 8.5 METRES

COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply:
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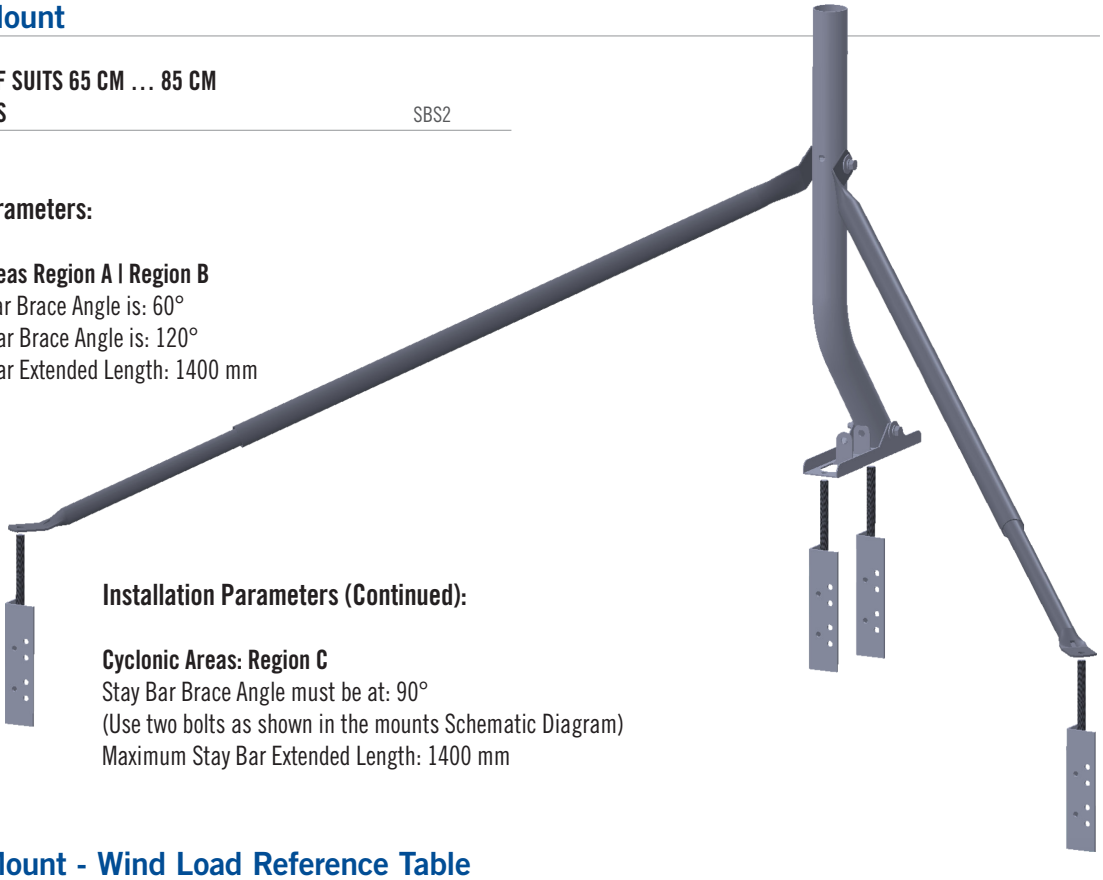
MOUNTING HARDWARE - TILE MOUNTS

10.1 Tile Mount

MOUNT TILE ROOF SUITS 65 CM … 85 CM SATELLITE DISHES SBS2

FOXTEL: F10403



Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Minimum Stay Bar Brace Angle is: 60°
Maximum Stay Bar Brace Angle is: 120°
Maximum Stay Bar Extended Length: 1400 mm

Installation Parameters (Continued):

Cyclonic Areas: Region C
Stay Bar Brace Angle must be at: 90°
(Use two bolts as shown in the mounts Schematic Diagram)
Maximum Stay Bar Extended Length: 1400 mm

10.2 Tile Mount - Wind Load Reference Table

SBS2 TILE MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
65 CM	YES	YES	YES	NO
85 CM	YES	YES	YES	NO
DOMESTIC: UP TO A HEIGHT OF 8.5 METRES				
COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)				
In accordance with the following Standards Australia Codes: * Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002 * Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002 * Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011 * Wind Loads for Housing AS 4055:2012 * Steel Structures AS 4100:1998 * Timber Structures AS 1720.1-2010: Part 1: Design methods * Residential timber framed construction AS 1684:2010 * Masonry Structures AS 3700:2001 Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007				
Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply: https://nt.gov.au/__data/assets/pdf_file/0015/209040/note-45-minor-roof-attachments-satellite-dishes.pdf				

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MOUNTING HARDWARE - TILE MOUNTS

11.1 Tile Mount Heavy Duty

MOUNT TILE ROOF SUITS 85 CM … 90 CM SATELLITE DISHES SBS19

FOXTEL: F10405

Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Minimum Stay Bar Brace Angle is: 60°
Maximum Stay Bar Brace Angle is: 120°
Maximum Stay Bar Extended Length: 1400 mm

Cyclonic Areas: Region C
Stay Bar Brace Angle must be at: 90°
(Use two bolts as shown in the mounts Schematic Diagram)
Maximum Stay Bar Extended Length: 1400 mm

11.2 Tile Mount Heavy Duty - Wind Load Reference Table

SBS19 TILE MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
85 CM	YES	YES	YES	NO
90 CM	YES	YES	YES	NO

DOMESTIC: UP TO A HEIGHT OF 8.5 METRES

COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply:
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MOUNTING HARDWARE - UNDER TILE MOUNTS

12.1 Under Tile Mount Heavy Duty

MOUNT UNDER TILE ROOF 450 MM TO 600 MM RAFTERS
SUITS 65 CM … 85 CM SATELLITE DISHES SBSUT6

FOXTEL: F31063

Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Cyclonic Areas: Region C
A) Ensure the mounting mast with locating pin does not exceed the distance of the left hand marking on the right hand brace bracket. (installation must be withing the "Installation Area" as shown in this mounts Schematic Diagram)
B) The minimum allowable gap between the bottom of the mast lip and the bottom of the gutter must be > 30 mm. DO NOT cut into the gutter, choose an alternate location should this be a problem with the installation.
C) The notch in the timber fascia must not exceed 12 mm in depth and a maximum of 78 mm in width.
D) When fixing the brace brackets to the rafter, ensure the securing holes are fixed at a minimum of 25 mm from the edge of the rafter (for hardwood rafters, pre-drill them to avoid the rafters from splitting).

12.2 Under Tile Mount Heavy Duty - Wind Load Reference Table

SBSUT6 UNDER TILE MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
65 CM	YES	YES	YES	NO
85 CM	YES	YES	YES	NO
DOMESTIC: UP TO A HEIGHT OF 8.5 METRES				
COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)				
In accordance with the following Standards Australia Codes: * Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002 * Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002 * Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011 * Wind Loads for Housing AS 4055:2012 * Steel Structures AS 4100:1998 * Timber Structures AS 1720.1-2010: Part 1: Design methods * Residential timber framed construction AS 1684:2010 * Masonry Structures AS 3700:2001 Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007				
Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply: https://nt.gov.au/__data/assets/pdf_file/0015/209040/note-45-minor-roof-attachments-satellite-dishes.pdf				

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MOUNTING HARDWARE - UNDER TILE MOUNTS

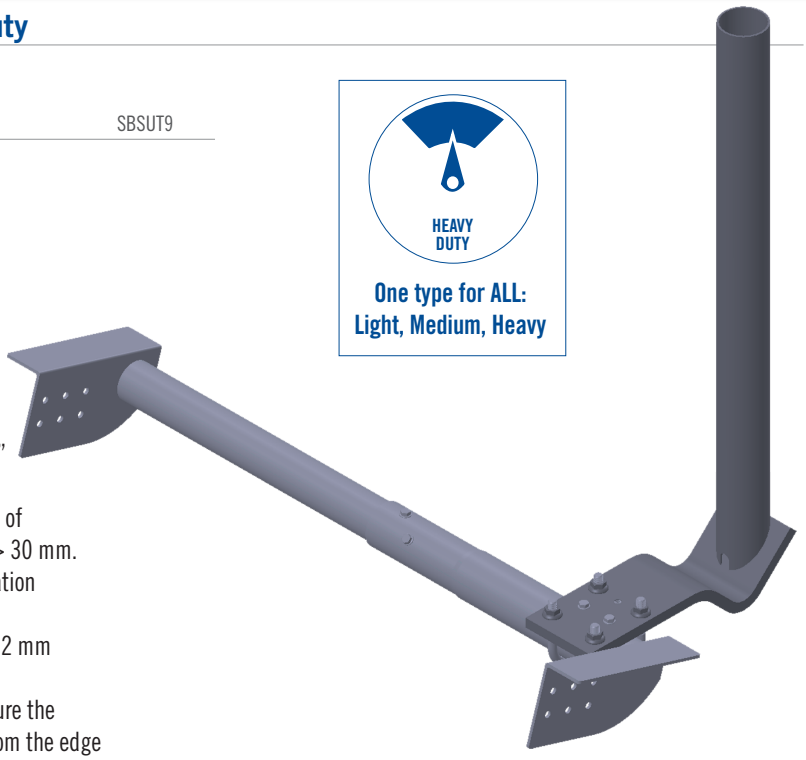
13.1 Under Tile Mount Heavy Duty

MOUNT UNDER TILE ROOF 900 MM RAFTERS
SUITS 65 CM … 85 CM SATELLITE DISHES SBSUT9

FOXTEL: F31064

HEAVY DUTY

One type for ALL:
Light, Medium, Heavy



Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Cyclonic Areas: Region C

A) Ensure the mounting mast with locating pin does not exceed the distance of the left hand marking on the right hand brace bracket. (installation must be withing the "Installation Area" as shown in this mounts Schematic Diagram)
B) The minimum allowable gap between the bottom of the mast lip and the bottom of the gutter must be > 30 mm. DO NOT cut into the gutter, choose an alternate location should this be a problem with the installation.
C) The notch in the timber fascia must not exceed 12 mm in depth and a maximum of 78 mm in width.
D) When fixing the brace brackets to the rafter, ensure the securing holes are fixed at a minimum of 25 mm from the edge of the rafter (for hardwood rafters, pre-drill them to avoid the rafters from splitting).

13.2 Under Tile Mount Heavy Duty - Wind Load Reference Table

SBSUT9 UNDER TILE MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
65 CM	YES	YES	YES	NO
85 CM	YES	YES	YES	NO

DOMESTIC: UP TO A HEIGHT OF 8.5 METRES

COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply:
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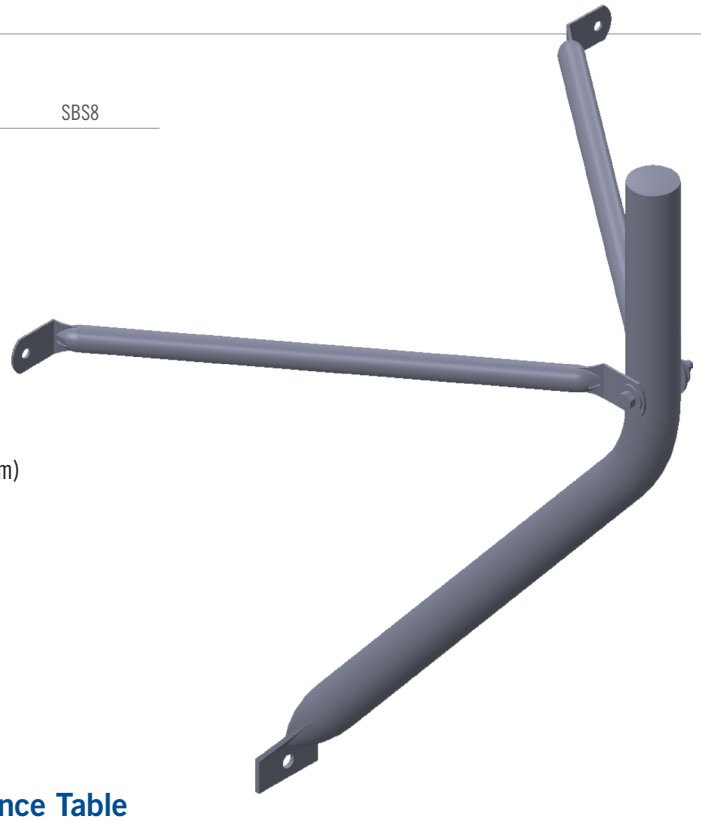
MOUNTING HARDWARE - WALL MOUNTS

14.1 Wall Mount

MOUNT WALL SUITS 65 CM … 90 CM SATELLITE DISHES SBS8

FOXTEL: F10407



Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Cyclonic Areas: Region C
The Stay Bars distance apart is: 500 mm
(Follow the information on this mounts Schematic Diagram)

14.2 Wall Mount - Wind Load Reference Table

SBS8 WALL MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
65 CM	YES	YES	YES	NO
85 CM	YES	YES	NO	NO
90 CM	YES	YES	NO	NO

DOMESTIC: UP TO A HEIGHT OF 8.5 METRES

COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply:
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MOUNTING HARDWARE - WALL MOUNTS

15.1 Wall Mount Heavy Duty

MOUNT WALL SUITS 85 CM ... 90 CM SATELLITE DISHES SBS12

FOXTEL: F10408

Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Cyclonic Areas: Region C
The Stay Bars distance apart is: 500 mm
(Follow the information on this mounts Schematic Diagram)

15.2 Wall Mount - Wind Load Reference Table

SBS12 WALL MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
85 CM	YES	YES	YES	NO
90 CM	YES	YES	YES	NO

DOMESTIC: UP TO A HEIGHT OF 8.5 METRES

COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply:
https://nt.gov.au/__data/assets/pdf_file/0015/209040/note-45-minor-roof-attachments-satellite-dishes.pdf

16.1 Wall Mount Extended Vertical Surface

MOUNT WALL EXTENDED VERTICAL SURFACE
SUITS 65 CM … 90 CM SATELLITE DISHES SBS17

FOXTEL: F10401

Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Cyclonic Areas: Region C
The Stay Bars distance apart must be: 500 mm
(Follow the information on this mounts Schematic Diagram)

16.2 Wall Mount - Wind Load Reference Table

SBS17 WALL MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
65 CM	YES	YES	YES	NO
85 CM	YES	YES	YES	NO
90 CM	YES	NO	NO	NO

DOMESTIC: UP TO A HEIGHT OF 8.5 METRES

COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply:
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MOUNTING HARDWARE - WALL MOUNTS

17.1 Wall Mount Extended Vertical Wall

MOUNT EXTENDED VERTICAL WALL MOUNT (SOFFIT MOUNT)
SUITS 65 CM SATELLITE DISHES SBSEVW

FOXTEL: F31097

Installation Parameters:

Non-Cyclonic Areas Region A | Region B
The Angle Brace Brackets distance apart must be: 300 mm
The Mast Pole must have a minimum of 20 mm extending past the bottom Angle Brace Bracket.
(Follow the information on this mounts Schematic Diagram)

17.2 Wall Mount - Wind Load Reference Table

SBSEVW WALL MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
65 CM	YES	YES	NO	NO

DOMESTIC: UP TO A HEIGHT OF 8.5 METRES

COMMERCIAL: UP TO A HEIGHT OF 10 METRES (3 STOREY)

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

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18.1 Ground Mount

MOUNT GROUND SUITS 85 CM ... 90 CM SATELLITE DISHES SBS21

FOXTEL: F10319

Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Cyclonic Areas: Region C | Region D
The footing size must be 300 mm diameter or 300 mm x 300 mm square.
The natural ground or an engineered fill, must have a safe bearing capacity of 100 kPa.
50 mm minimum cover of concrete must be placed at the base of the footing prior to placing the mount.
12 mm x 120 mm round steel pin must be placed through a 14 mm hole in the mount 50 mm from the bottom.
The satellite dish must not be fixed to the ground mount until after 5 days from the date of casting of the footing.

Antenna Type	Antenna Fixing Height (mm)	Support Post	Footing Details	
			Depth (D)	No. of 30 Kg Premix Bags
SDJ85	800	60 x 3.6 CHS	800	5
SDJ90	750	60 x 3.6 CHS	800	5

Note: A 3 mm Cap Plate must be welded or an equivalent water tight cap must be used.
Installation must in accordance with the information provided on the Jonsa schematic diagram.

18.2 Ground Mount - Wind Load Reference Table

SBS21 GROUND MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
85 CM	YES	YES	YES	YES
90 CM	YES	YES	YES	YES

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

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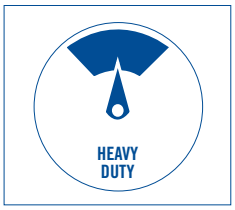
MOUNTING HARDWARE - GROUND MOUNTS

19.1 Ground Mount Heavy Duty

MOUNT GROUND SUITS 1 M ... 1.2 M SATELLITE DISHES SBS20

FOXTEL: F10320



Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Cyclonic Areas: Region C | Region D
The footing size must be 300 mm diameter or 300 mm x 300 mm square.
The natural ground or an engineered fill, must have a safe bearing capacity of 100 kPa.
50 mm minimum cover of concrete must be placed at the base of the footing prior to placing the mount.
12 mm x 120 mm round steel pin must be placed through a 14 mm hole in the mount 50 mm from the bottom.
The satellite dish must not be fixed to the ground mount until after 5 days from the date of casting of the footing.

Antenna Type	Antenna Fixing Height (mm)	Support Post	Footing Details	
			Depth (D)	No. of 30 Kg Premix Bags
SDJ1/2	900	76 x 4.5 CHS	950	6

Note: A 3 mm Cap Plate must be welded or an equivalent water tight cap must be used.
Installation must in accordance with the information provided on the Jonsa schematic diagram.

19.2 Ground Mount Heavy Duty - Wind Load Reference Table

SBS20 GROUND MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
1 M	YES	YES	YES	YES
1.2 M	YES	YES	YES	YES

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
* Masonry Structures AS 3700:2001

Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

Important: For Northern Territory, please refer to the Building Notes on Satellite Dishes where different regulations apply:
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MOUNTING HARDWARE - GROUND MOUNTS

20.1 Ground Mount Extra Heavy Duty

MOUNT GROUND SUITS 1.5 M SATELLITE DISHES SBS20A

FOXTEL: F30789

Installation Parameters:

Non-Cyclonic Areas Region A | Region B
Cyclonic Areas: Region C | Region D
The footing size must be 300 mm diameter or 300 mm x 300 mm square.
The natural ground or an engineered fill, must have a safe bearing capacity of 100 kPa.
50 mm minimum cover of concrete must be placed at the base of the footing prior to placing the mount.
12 mm x 120 mm round steel pin must be placed through a 14 mm hole in the mount 50 mm from the bottom.
The satellite dish must not be fixed to the ground mount until after 5 days from the date of casting of the footing.

Antenna Type	Antenna Fixing Height (mm)	Support Post	Footing Details	
			Depth (D)	No. of 30 Kg Premix Bags
SDJ1/5	1000	89 x 5.9 CHS	1200	8

Note: A 3 mm Cap Plate must be welded or an equivalent water tight cap must be used.
Installation must in accordance with the information provided on the Jonsa schematic diagram.

20.2 Ground Mount Extra Heavy Duty - Wind Load Reference Table

SBS20A GROUND MOUNT WITH SATELLITE DISH SIZE	WIND REGION A WIND SPEED: 40 m/s WIND CLASS: N2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: A/TC3/T1 OR A/TC2/T0	WIND REGION B WIND SPEED: 50 m/s WIND CLASS: N3 & C1 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: B/TC3/T1 OR B/TC2/T0 OR A/TC1/T1	WIND REGION C WIND SPEED: 61 m/s WIND CLASS: N4 & C2 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: C/TC3/T1 OR C/TC2/T0 OR B/TC1/T1	WIND REGION D WIND SPEED: 74 m/s WIND CLASS: N5 & C3 TERRAIN CATEGORY / TOPOGRAPHIC CLASS COMBINATION: D/TC3/T1 OR C/TC1/T1
1.5 M	YES	YES	YES	YES

In accordance with the following Standards Australia Codes:
* Structural design actions, Part 0: General Principles AS/NZS 1170.0:2002
* Structural design actions, Part 1: Permanent, imposed and other actions AS/NZS 1170.1:2002
* Structural design actions, Part 2: Wind actions AS/NZS 1170.2:2011
* Wind Loads for Housing AS 4055:2012
* Steel Structures AS 4100:1998
* Timber Structures AS 1720.1-2010: Part 1: Design methods
* Residential timber framed construction AS 1684:2010
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Note: We have not specifically considered structural design actions Part 3: Snow and ice actions AS/NZS 1170.3:2003, or Earthquake actions in Australia AS 1170.4-2007

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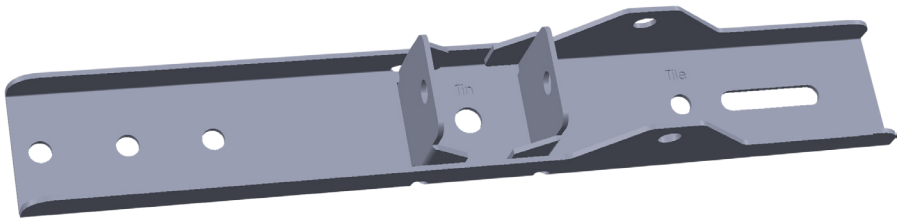
21.1 Clevis Bracket

SATELLITE MOUNT CLEVIS BRACKET SUITS SBS1 & SBS18 TIN ROOF MOUNTS SBS22

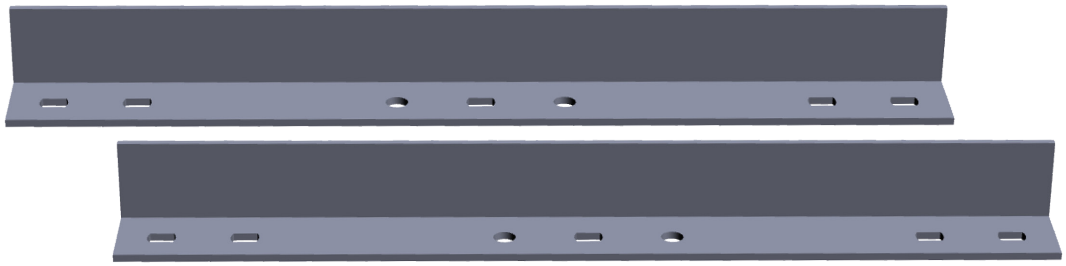
FOXTEL: F30874



22.1 Metal Batten Roof Kit

METAL BATTEN ROOF KIT SUITS SBS1 & SBS18 TIN ROOF MOUNTS SBS16

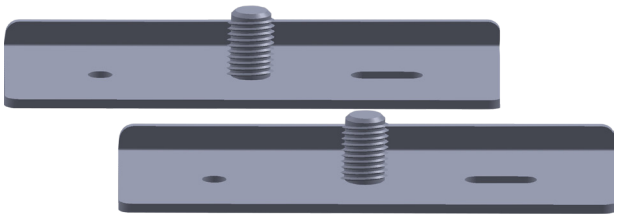
FOXTEL: F10424



23.1 Duo Cleat Bracket Cleat

DUO CLEAT BRACKET KIT SUITS SBS1 TIN ROOF MOUNT SBS16A

FOXTEL: F30862

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