

DB654DG65A-C



2-port sector antenna, 2x 410–512 MHz, 65° HPBW, fixed electrical tilt

- Air dielectric feed system with no screws, rivets, solder, or welding in dipole feed point

General Specifications

Antenna Type	Sector
Band	Single band
Color	Light gray
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Performance Note	Outdoor usage
RF Connector Interface	7-16 DIN Female
RF Connector Location	Rear
RF Connector Quantity, low band	2
RF Connector Quantity, total	2

Dimensions

Width	483 mm 19.016 in
Length	1981 mm 77.992 in
Depth	229 mm 9.016 in

Electrical Specifications

Operating Frequency Band	410 – 512 MHz
---------------------------------	---------------

Electrical Specifications

Frequency Band, MHz	410–512
Gain, dBi	15
Beamwidth, Horizontal, degrees	65
Beamwidth, Vertical, degrees	17
Beam Tilt, degrees	0

DB654DG65A-C

USLS, typical, dB	15
Front-to-Back Ratio at 180°, dB	28
Isolation, Cross Polarization, dB	30
VSWR Return loss, dB	1.4 15.6
Input Power per Port, maximum, watts	600

Material Specifications

Radiator Material	Aluminum
Radome Material	ABS, UV resistant

Mechanical Specifications

Wind Loading at Velocity, maximum	1,397.6 N @ 150 km/h 314.2 lbf @ 150 km/h
Wind Speed, maximum	201 km/h 124.896 mph

Packaging and Weights

Net Weight, without mounting kit	19 kg 41.888 lb
---	-------------------

Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant



Included Products

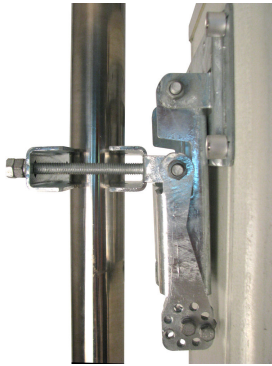
BSAMNT-3 — Wide Profile Antenna Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.

BSAMNT-M — Middle Downtilt Mounting Kit for Long Antennas for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor bracket set.

* Footnotes

Performance Note Severe environmental conditions may degrade optimum performance

BSAMNT-3



Wide Profile Antenna Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor top bracket set and one bottom bracket set.

General Specifications

Application	Outdoor
Color	Silver

Dimensions

Compatible Diameter, maximum	114.3 mm 4.5 in
Compatible Diameter, minimum	61 mm 2.402 in

Material Specifications

Material Type	Galvanized steel
----------------------	------------------

Packaging and Weights

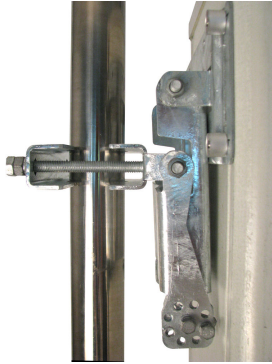
Included	Brackets Hardware
Packaging quantity	1

Regulatory Compliance/Certifications

Agency	Classification
CE	Compliant with the relevant CE product directives
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant



BSAMNT-M



Middle Downtilt Mounting Kit for Long Antennas for 2.4 - 4.5 in (60 - 115 mm) OD round members. Kit contains one scissor bracket set.

General Specifications

Application	Outdoor
Color	Silver

Dimensions

Compatible Diameter, maximum	114.3 mm 4.5 in
Compatible Diameter, minimum	61 mm 2.402 in

Material Specifications

Material Type	Galvanized steel
----------------------	------------------

Packaging and Weights

Included	Brackets Hardware
Packaging quantity	1

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

