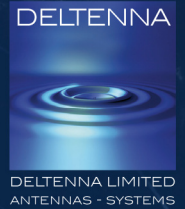


DATA SHEET

DCS AS 50 50

RUGGED ANTENNA

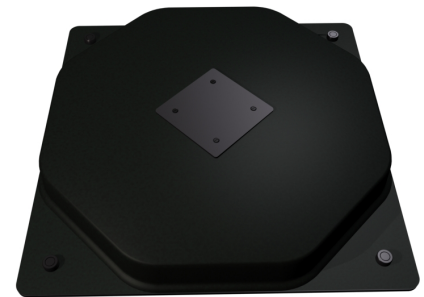
Deltenna Limited
 9 Forest Gate, Pewsham, Chippenham,
 Wiltshire, SN15 3RS, United Kingdom
 Tel +44 (0)1249 450 910 Fax +44 (0)1249 656549
info@deltenna.com www.deltenna.com



Wide Band	824MHz – 894MHz
Polarisation	CP
Azimuth Half Power Beamwidth	50
Elevation Half Power Beamwidth	50
Fixed Electrical Tilt	0

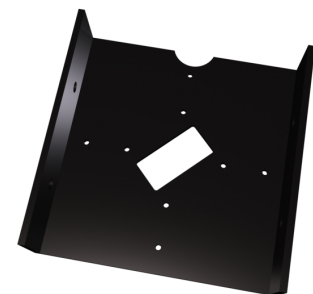
Mechanical Specifications	
Input	2 x SMA female (1 loaded)
Connector Position	Rear
Weight	
Wind Load	40N
Max. wind velocity	130Km/h
Packing Size	NA
Height/width/depth	315/315/40 mm

Type No	DCS AS 50 50
Frequency Range	824 - 894 MHz
Polarisation	Circular
Gain	10dBi @ 894MHz
Axial Ratio	<3dB
Azimuth Half Power beam width Copolar	50 degrees +/- 5 degrees
Elevation Half Power beam width Copolar	50 degrees +/- 5 degree
Fixed Electrical tilt options #	0 degrees
Sidelobe suppression for firstsidelobe above horizon	NA
Front to back ratio copolar	>20 dB
Cross Polar Ratio on boresight	Typically 20 dB
Isolation: port to port	-15dBi
Impedance	50Ω
VSWR	<2:1
Max power per input	20 Watts at 50 degrees ambient temperature



Radome available in any standard RAL colour by request

UNIVERSAL FIELD MOUNTABLE BRACKET



DATA SHEET

DCS AS 50 50

RUGGED ANTENNA

200W/m²

100W/m²

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DEL TENNA



DEL TENNA LIMITED
ANTENNAS - SYSTEMS

Type No	Description	Remarks	Weight approx	Units per antenna

PROVISIONAL DATA SHEET