

Antenna Model Nomenclature



Section 1 Frequency Band

Band	Frequency Range
A Band	0 to 0.25 GHz
B Band	0.25 to 0.5 GHz
C Band	0.5 to 1.0 GHz
D Band	1 to 2 GHz
E Band	2 to 3 GHz
F Band	3 to 4 GHz
G Band	4 to 6 GHz
H Band	6 to 8 GHz
I Band	8 to 10 GHz
J Band	10 to 20 GHz
K Band	20 to 40 GHz
L Band	40 to 60 GHz
M Band	60 to 100 GHz

- 6 port Triple band panel antenna 698-960 MHz, 2 x 1710-2690 MHz. The model will begin **C2DE**
- 8 port Quad band panel antenna 2 x 698-960 MHz, 2 x 1710 - 2690 MHz. The model will begin **2C2DE**
- 10 port Penta band panel antenna 698-960 MHz, 4 x 1710-2690 MHz. The model will begin **C4DE**
- 12 port Hexa band panel antenna 2 x 698-960 MHz, 4 x 1710-2690 MHz. The model will begin **2C4DE**
- 6 port panel antenna 3 x 1710 – 2690 MHz. The model will begin **3DE**

Section 2 Number of element (for panel antennas)

03 = 3 elements	06 = 6 elements	12 = 12 elements
04 = 4 elements	08 = 8 elements	14 = 14 elements
05 = 5 elements	10 = 10 elements	

Gain (for reflector antennas)

17, 20

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Section 3

Number of beam per sector / Polarisation / Panel or reflector

Single beam or multi beam with same bore site		omitted	
3 Multi-beam Panel with different bore sites		MB3	
5 Multi- beam panel with different bore sites		MB5	
Dual Polarised	X	Vertical Polarised	V
Vertical & Horizontal polarised	+		
Panel type	Omitted	Reflector type	R

Section 4

HBW

Azimuth Beam width (3dB point)	6 = 65 degree, 3 = 33 degree 2 = 20 degree	O = Omnidirectional 360 degree
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Section 5

Tilt option for each corresponding frequency band

Electrical downtilt
 Remote Control Unit : R for 0°- 10°, R1 for 5° to 15°, R2 for 0°- 15°
 Manual adjustable: M for 0°- 10°, M1 for 5° to 15°, M2 for 0°- 15°
 Fixed = F: for 0°, F1: for 5°, F2: for 10°, F3: for 12°

Section 6

Internal fittings

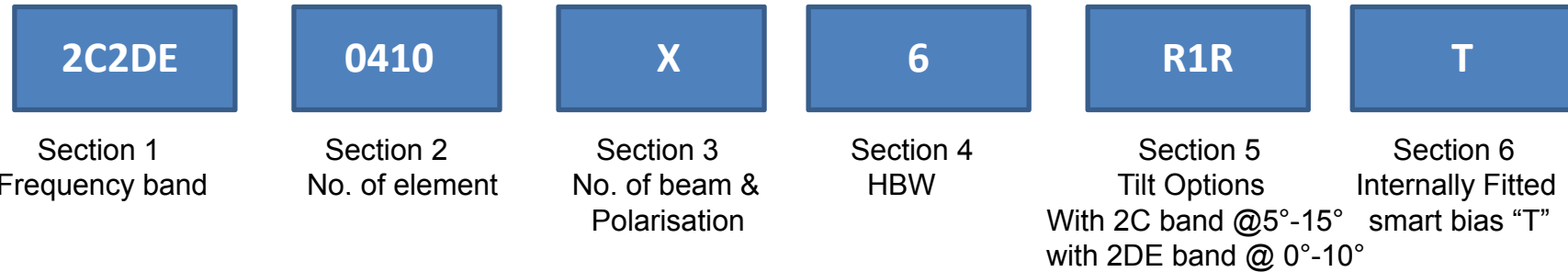
Fitted with internal smart bias - "T"	=	T
Fitted with internal GPS antenna	=	G
Fitted with internal diplexer	=	D

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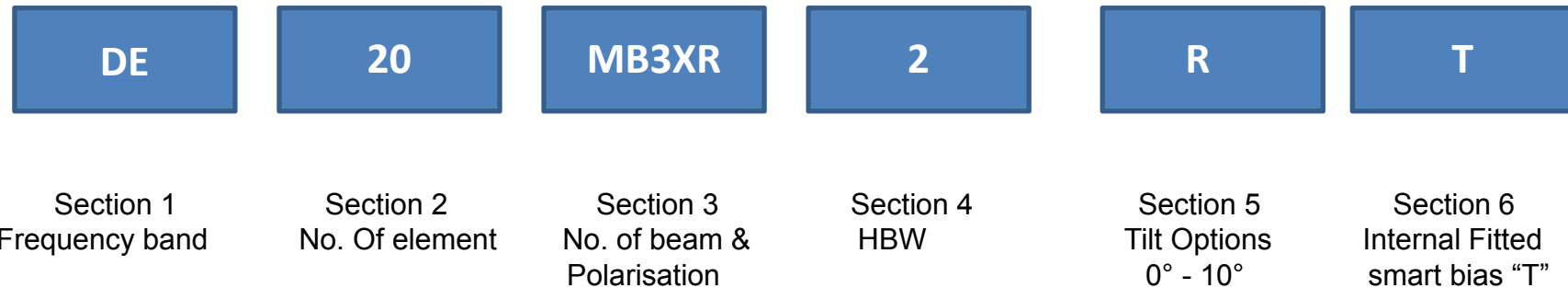
Example 1:

For a 8 port Quad band 2 x 698-960 MHz, 14 dBi gain 2 x 1710-2690 MHz, 17 dBi gain 65 degree HBW with remote adjustable electrical downtilt antenna fitted AISG 2 control software with internal bias - "T"



Example 2:

For a 3 beam reflector 1710-2690 MHz, dual polarised 20 dBi gain remote adjustable electrical downtilt antenna fitted with AISG 2 remote control software and smart bias "T"



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Example 3:

For a 6 port 3 sector 1710-2690 MHz, 17 dBi gain 60 degree HBW with remote adjustable electrical downtilt antenna fitted AISG 2 control software with internal bias - "T"

3DE

Section 1
Frequency band

10

Section 2
No. of element

X

Section 3
No. of beam &
Polarisation

6

Section 4
HBW

R

Section 5
Tilt Options
0° - 10°

G

Section 6
Internally Fitted
GPS antenna

Example 4:

For an omidirectional indoor dual slant polarised antenna covering a frequency range 698 – 2700 MHz

CDE

Section 1
Frequency band

1

Section 2
No. Of element

+

Section 3
No. of beam &
Polarisation

O

Section 4
HBW

F

Section 5
Tilt Options

Section 6
Internal Fittings