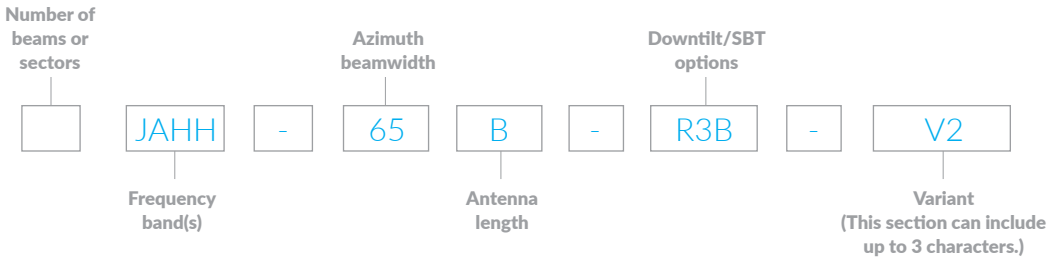
COMMSCOPE®

Technical publication

CommScope® base station antenna model number nomenclature chart

Base station antenna model number guide



Number of beams or sectors

( ) – No character for single-beam
2 – 2 horizontal beams (twin or dual beam)
5 – 5 horizontal beams
#X – Multisector
(# represents number of sectors)

Frequency band(s) (MHz)

There are 2 ports for each band (letter) represented below, with exception to antennas that use an internal combiner.

A – 806/824-896
B – 410-512
C – 790-960/824-960
D – 817-869
E – 694-862
F – 555-806 (555-698, 698-806)
G – 880-960
H – 1695-2180/2360
J – 698-798/803
L – 1710-1880
N – 698-896
P – 4900-6000
R – 694-960
S – 3300-3800
T – 2490-2690
V – 1695-2690
W – 2300-2400
Y – 1427-1518
Z – 1427-2690

Azimuth beamwidth (AZBW)

Describes the AZBW on the main beams plus any additional beams

Antenna length (m/ft)

A – 1.2/4
B – 1.8/6
C – 2.4/8
D – 2.6/8.5

T – 0.3/1
S – 0.6/2
M – 0.9/3

Downtilt/SBT options

F – Fixed tilt
M – Manual electrical tilt
R – RET (internal)
ER – RET (external)
– Follows R for # of actuators
(When RET & Internal SBT then B follows the #)

Variant

V# – Version variant with # indicating the version (2, 3, 4...) where something is different from the original model.

Please refer to www.commscope.com for the most current information. For more details contact your local CommScope representative.

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