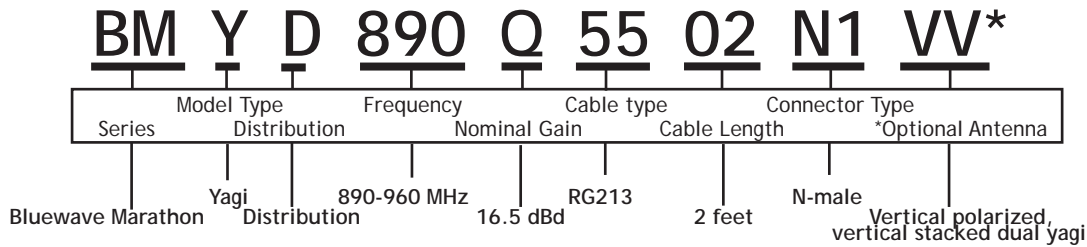


Parts Number Guide

PCTEL's Bluewave Antennas use the following model to generate product codes. This structure outlines the electrical and mechanical specifications of each antenna.



SERIES
BM = Bluewave Marathon
BS = Bluewave Summit
BG = Bluewave Guardian
BW = Bluewave Other

MODEL TYPE
C = Clamps
E = Exposed Offset
J = Jumpers
O = Omni-Collinear
S = Surge Suppressor
Y = Yagi

FREQUENCY IN MHZ	
138 = 138-143	470 = 470-490
139 = 138-174	490 = 490-512
143 = 143-148	515 = 515-550
148 = 148-152	550 = 550-610
152 = 152-157	610 = 610-670
157 = 157-163	630 = 630-665
163 = 163-169	670 = 670-730
169 = 169-174	690 = 690-746
210 = 210-240	745 = 745-806
211 = 211-221	764 = 764-860
216 = 216-226	806 = 806-896
221 = 221-231	853 = 853-933
230 = 230-240	890 = 890-960
231 = 230-260	900 = 900-960
340 = 340-385	902 = 902-928
375 = 375-403	945 = 945-985
403 = 403-430	1350 = 1350-1454
404 = 403-470	1351 = 1350-1390
430 = 430-450	1428 = 1428-1454
440 = 440-512	18X = 1850-1990
450 = 450-470	24X = 2400-2485

NOMINAL GAIN (dBd < 1 GHz; dBi > 1 GHz)
A = 0
B = 1 & 1.5
C = 2 & 2.5
D = 3 & 3.5
E = 4 & 4.5
F = 5 & 5.5
G = 6 & 6.5
H = 7 & 7.5
I = 8 & 8.5
J = 9 & 9.5
K = 10 & 10.5
L = 11 & 11.5
M = 12 & 12.5
N = 13 & 13.5
O = 14 & 14.5
P = 15 & 15.5
Q = 16 & 16.5

CABLE TYPE [Does not appear in every part number]
01 = LMR100
02 = LMR195
10 = LMR200
20 = LMR240
30 = LMR400
31 = direct burial
52 = RG58
53 = RG142
54 = RG174
55 = RG213

DISTRIBUTION [Does not appear in every part number]
D = General Distribution

CONNECTOR TYPE [Does not appear in every part number]
B1 = BNC male
N1 = N male
N2 = N male 90°
N4 = N female
S1 = M SMA
S2 = SMA male reverse polarity
S3 = SMA male 90°
S5 = SMA female reverse polarity (RG174)
S7 = SMA female reverse polarity
T1 = TNC male

ANTENNA CONFIGURATIONS [Does not appear in every part number]
B1 = Bidirectional
B2 = Bidirectional omni
C0 = Standard CGB installation in-line
H2 = Half wave spacing - 2° downtilt
H4 = Half wave spacing - 4° downtilt
H6 = Half wave spacing - 6° downtilt
H8 = Half wave spacing - 8° downtilt
HH = Horizontal polarized, horizontal stacked dual yagi
HV = Horizontal polarized, vertical stacked dual yagi
HX = Half wave spacing - 10° downtilt
Q0 = Quarter wave spacing - no downtilt
Q2 = Quarter wave spacing - 2° downtilt
Q4 = Quarter wave spacing - 4° downtilt
Q6 = Quarter wave spacing - 6° downtilt
Q8 = Quarter wave spacing - 8° downtilt
QX = Quarter wave spacing - 10° downtilt
T = Teflon coated
VH = Vertical polarized, horizontal stacked dual yagi
VV = Vertical polarized, vertical stacked dual yagi