

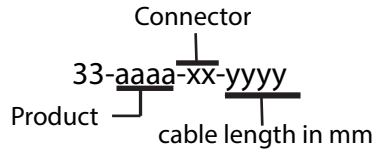
TALLYSMAN - PART NUMBER ORDERING GUIDE



For all Embedded Antennas

Custom Tuning is Highly Recommended for all Embedded Antennas

Part Number Structure :



Valid Connectors

00 = SMA straight male (plug)	10 = SMA Right Angle **	20 = SMA Female	35 = MMBX (RG174 cable)**
01 = TNC female	11 = Reverse polarity SMA**	22 = R/A QMA**	36 = MMBX (RG316 cable)**
02 = MCX straight male (plug)	12 = Waterproof SMA**	23 = SMP**	37 = R/A male SMB**
03 = MMCX straight male (plug)	13 = SSMA **	24 = SMC Male	
04 = SMB straight male (plug)		25 = SMC Straight Female	
05 = MCX right angle male (plug)	15 = TNC male (plug)	26 = SMB Straight Female	
06 = MMCX right angle male (plug)	16 = N-Type Male**	27 = MCX Female Straight	
	17 = BNC Male**	28 = SSMCX Straight Plug**	
08 = H.FL (female)** (micro-coax cable)	18 = FME**	29 = R/A SSMCX Plug **	
09 = U.FL (micro-coax cable)	19 = MMCX Female	30 = SMB with Overmold**	
		33 = MMCX straight male (Cinch Connectivity) **	
		34x = FAKRA (replace "x" with colour code)**	

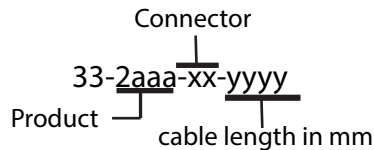
Cable length tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm

Maximum cable lengths: 5m for RG174, 1450mm for micro-coax

** Premiums apply. Please check with your Distributor

For the TW2000 Family of Products

Part Number Structure :



Valid Connectors

Without Cable:

07 = SMA female (jack) bulkhead

With Cable (max length 5m):

00 = SMA straight male (plug)	10 = SMA Right Angle **	20 = SMA Female	35 = MMBX (RG174 cable)**
01 = TNC female	11 = Reverse polarity SMA**	22 = R/A QMA**	
02 = MCX straight male (plug)	12 = Waterproof SMA**	23 = SMP**	37 = R/A male SMB**
03 = MMCX straight male (plug)	13 = SSMA **	24 = SMC Male	
04 = SMB straight male (plug)		25 = SMC Straight Female	
05 = MCX right angle male (plug)	15 = TNC male (plug)	26 = SMB Straight Female	
06 = MMCX right angle male (plug)	16 = N-Type Male**	27 = MCX Female Straight	
	17 = BNC Male**	28 = SSMCX Straight Plug**	
	18 = FME**	29 = R/A SSMCX Plug **	
	19 = MMCX Female	30 = SMB with Overmold**	
	31 = SMC R/A Female **	33 = MMCX straight male (Cinch Connectivity)**	
		34x = FAKRA (replace "x" with colour code)**	

** Premiums apply. Please check with your Distributor

NOTE: To order any of the TW2000 antennas with NO MAGNETS, add "NM" after the Product (eg. 33-2410NM-00-3000). To add Adhesive Tape to the bottom of the same, add "AT" after the Product Name (eg. 33-2410AT-07). If you desire both, then use NMAT, eg. 33-2410NMAT-07.

Cable length tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm Maximum cable length = 5m

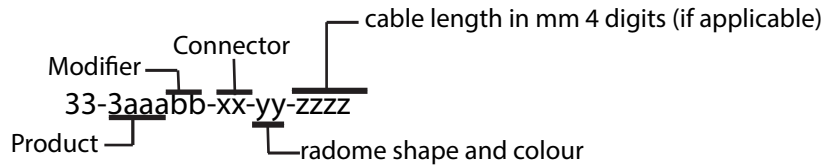
TALLYSMAN - PART NUMBER ORDERING GUIDE



For the TW3000 Family of Products

For TW3865, TW3870E, TW3872E, TW3967 & TW3972E - refer to Page 1 Embedded Antennas

Part Number Structure :



Valid Connectors

Without Cable:

01 = TNC female

14 = N-Type female**

With Cable (max length 5m):

00 = SMA straight male (plug)

12 = Waterproof SMA**

22 = R/A QMA**

35 = MMBX (RG174 cable)**

01 = TNC female

13 = SSMA **

23 = SMP**

02 = MCX straight male (plug)

15 = TNC male (plug)

24 = SMC Male

37 = R/A male SMB**

03 = MMCX straight male (plug)

16 = N-Type Male**

25 = SMC Straight Female

04 = SMB straight male (plug)

17 = BNC Male**

26 = SMB Straight Female

05 = MCX right angle male (plug)

18 = FME**

27 = MCX Female Straight

06 = MMCX right angle male (plug)

19 = MMCX Female

28 = SSMCX Straight Plug**

10 = SMA Right Angle **

NMO = NMO mount

29 = R/A SSMCX Plug **

11 = Reverse polarity SMA**

20 = SMA Female

30 = SMB with Overmold**

31 = SMC R/A Female **

33 = MMCX straight male (Cinch Connectivity)**

** Premiums apply. Please check with your Distributor

34x = FAKRA (replace "x" with colour code)**

Modifiers: ST = short thread AJ = Anti-Jamming configuration**

Cable length tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm Maximum cable length = 5m

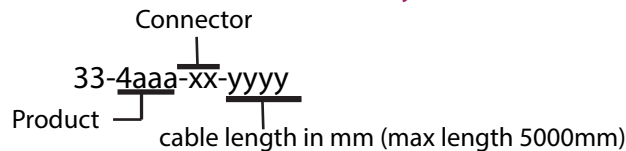
Radome Codes:

00 = Dark grey Conical 10 = Dark grey low profile 20 = Red low profile 01 = White Conical 11 = White low profile

For AJ Antennas: W = White G=Grey (For TW3142, TW3442, TW3742, and TW3752 only)

For the TW4000 Family of Products

Part Number Structure :



Valid Connectors

00 = SMA straight male (plug)

12 = Waterproof SMA**

23 = SMP**

35 = MMBX (RG174 cable)**

01 = TNC female

13 = SSMA **

24 = SMC Male

02 = MCX straight male (plug)

15 = TNC male (plug)

25 = SMC Straight Female

37 = R/A male SMB**

03 = MMCX straight male (plug)

16 = N-Type Male**

26 = SMB Straight Female

04 = SMB straight male (plug)

17 = BNC Male**

27 = MCX Female Straight

05 = MCX right angle male (plug)

18 = FME**

28 = SSMCX Straight Plug**

06 = MMCX right angle male (plug)

19 = MMCX Female

29 = R/A SSMCX Plug **

10 = SMA Right Angle **

20 = SMA Female

30 = SMB with Overmold**

11 = Reverse polarity SMA**

22 = R/A QMA**

33 = MMCX straight male (Cinch Connectivity) **

31 = SMC R/A Female **

34x = FAKRA (replace "x" with colour code)**

** Premiums apply. Please check with your Distributor

NOTE: To order any of the TW4000 antennas with NO MAGNETS, add "NM" after the Product (eg. 33-4421NM-00-3000). To add Adhesive Tape to the bottom of the same, add "AT" after the Product Name (eg. 33-4421AT-00-3000). If you desire both, then add them together, eg. 33-4421NMAT-00-3000

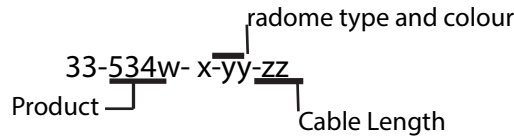
Cable length tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm

TALLYSMAN - PART NUMBER ORDERING GUIDE



For the TW5340 / TW5341

Part Number Structure :



w = Type 0 = standard 1 = non-magnetic

x = Voltage and interface: 1 = 5V, RS232 2 = 5V, CMOS 3 = 3.3V, CMOS 4 = 5V, RS232 6 = 12-36V, RS232

Radome Codes (yy):

00 = Dark grey Conical

10 = Dark grey low profile

01 = White Conical

11 = White low profile

Cable Length (zz)

05 = 5m standard

15 = 15m,*

25 = 25m*

* premium applies (Not available with CMOS interface)

For the TW5342 / TW5242

For TW5342 : 33-5342-6-10-05 -ccc (ccc custom configuration to be assigned by Tallysman)

For TW5242: 33-5242-6-10-05 -ccc (ccc custom configuration to be assigned by Tallysman)

6 = 12-36V, RS232, 10 = Dark grey low profile radome 05 = 5m cable

For the VP6000 Family of Products

Part Number Structure : 33-6abbcd-ee-gg

a = Covered Frequencies:

0 = All GNSS frequencies + L-Band (1525 - 1559 MHz)

1 = All GNSS frequencies

2 = L1/L2, G1/G2, B1/B2, E1 + L-Band

3 = L1/L2/L5, G1/G2/G3, B1/B2, E1/E5a+b

bb = LNA Gain

35 = 35dB

50 = 50dB

c = Base Type 0 = Standard base

d = Options 0 = No options

ee = connector types:

01 = TNC Female

14 = N-Type Female **

** Premiums apply. Please check with your Distributor.

gg = radome:

01 = White Conical

11 = White Flat top

Example:

33-605000-01-11

Is an antenna which covers all GNSS frequencies + L-Band, provides, 50 dB of gain, uses a standard base, with a TNC female connector and a white flat top radome.



For the **VC6000** Family of Products

Part Number Structure : 33-VC6xyy-14

Where x= 1 = All GNSS Signals
yy= 35 = 35dB amplifier 50 = 50dB amplifier
14 = N-Type connector

PN for Short SCIGN Radome = 24-0053-0 for Tall SCIGN Radome = 24-0053-1

For Housed **Helical** Family of Products

Part Numbers :

HC600: 33-HC600
HC771: 33-HC771-28 (28dB LNA)
HC871: 33-HC871-28 (28dB LNA)
HC872: 33-HC872-28 (for 28dB LNA) 33-HC872-35 (for 35dB LNA)
HC882: 33-HC882-28 (for 28dB LNA) 33-HC882-35 (for 35dB LNA)
HC975: 33-HC975-28 (for 28dB LNA) 33-HC975-35 (for 35dB LNA)

For Embedded **Helical** Family of Products

Part Numbers:

HC600E: 33-HC600E-xx-yyyy
HC771E: 33-HC771E-xx-yyyy
HC871E: 33-HC871E-28 -xx-yyyy (28dB LNA) 33-HC871E-35-xx-yyyy (35dB LNA)
HC872E: 33-HC872E-28-xx-yyyy (28dB LNA) 33-HC872E-35-xx-yyyy (35dB LNA)
HC882E: 33-HC882E-28-xx-yyyy (28dB LNA) 33-HC882E-35-xx-yyyy (35dB LNA)
HC975E: 33-HC975E-28-xx-yyyy (28dB LNA) 33-HC975E-35-xx-yyyy (35dB LNA)

Where xx= connector type (refer to Page 1 Embedded section for options)

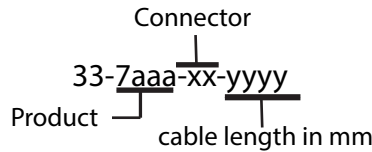
Where yyyy = cable length in mm (refer to Page 1 Embedded section for options)

TALLYSMAN - PART NUMBER ORDERING GUIDE



For the **TW7000** Family of Products

Part Number Structure :



Valid Connectors

Without Cable:

07 = SMA female (jack) bulkhead

With Cable (max length 5m):

00 = SMA straight male (plug)	10 = SMA Right Angle **	20 = SMA Female	35 = MMBX (RG174 cable)**
01 = TNC female	11 = Reverse polarity SMA**	22 = R/A QMA**	
02 = MCX straight male (plug)	12 = Waterproof SMA**	23 = SMP**	37 = R/A male SMB**
03 = MMCX straight male (plug)	13 = SSMA **	24 = SMC Male	
04 = SMB straight male (plug)	15 = TNC male (plug)	25 = SMC Straight Female	
05 = MCX right angle male (plug)	16 = N-Type Male**	26 = SMB Straight Female	
06 = MMCX right angle male (plug)	17 = BNC Male**	27 = MCX Female Straight	
	18 = FME**	28 = SSMCX Straight Plug**	
	19 = MMCX Female	29 = R/A SSMCX Plug **	
	31 = SMC R/A Female **	30 = SMB with Overmold**	

**** Premiums apply. Please check with your Distributor**

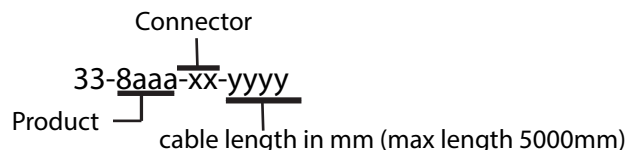
34x = FAKRA (replace "x" with colour code)**

NOTE: To order any of the TW7000 antennas with NO MAGNETS, add "NM" after the Product (eg. 33-7970NM-00-3000). To add Adhesive Tape to the bottom of the same, add "AT" after the Product Name (eg. 33-7970AT-07). If you desire both, then use NMAT, eg. 33-7970NMAT-07.

Cable length tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm Maximum cable length = 5m

For the **TW8000** Family of Products

Part Number Structure :



Valid Connectors

00 = SMA straight male (plug)	12 = Waterproof SMA**	23 = SMP**	35 = MMBX (RG174 cable)**
01 = TNC female	13 = SSMA **	24 = SMC Male	
02 = MCX straight male (plug)	15 = TNC male (plug)	25 = SMC Straight Female	37 = R/A male SMB**
03 = MMCX straight male (plug)	16 = N-Type Male**	26 = SMB Straight Female	
04 = SMB straight male (plug)	17 = BNC Male**	27 = MCX Female Straight	
05 = MCX right angle male (plug)	18 = FME**	28 = SSMCX Straight Plug**	
06 = MMCX right angle male (plug)	19 = MMCX Female	29 = R/A SSMCX Plug **	
10 = SMA Right Angle **	20 = SMA Female	30 = SMB with Overmold**	
11 = Reverse polarity SMA**	22 = R/A QMA**	33 = MMCX straight male (Cinch Connectivity)**	

**** Premiums apply. Please check with your Distributor**

NOTE: To order any of the TW8000 antennas with NO MAGNETS, add "NM" after the Product (eg. 33-8829NM-00-3000). To add Adhesive Tape to the bottom of the same, add "AT" after the Product Name (eg. 33-8829AT-00-3000). If you desire both, then add them together, eg. 33-8829NMAT-00-3000

Cable length tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm

TALLYSMAN - PART NUMBER ORDERING GUIDE

For the **VeroStar** Family of Products



Part Number Structure :

33-VSA6XYY-ZZ

Non-Embedded Version Codes

Form Factor Codes (A)

P = Pole Mount S = Surface Mount D = Dorne Margolin Mount E = Embedded (see next section)

GNSS Band Codes (X)

0 = full spectrum 1 = Single band 2 = Dual Band (L1/L2) 3 = Triple Band 5 = Dual Band (L1/L5)

LNA Gain Codes (YY)

37 = 37dB

Mount Codes (ZZ)

01 = 1" x 14tpi 58 = 5/8" x 11tpi** 04 = 4 screws (VSS version only) 08 = 8 screws (VSE version only)
12 = 12 screws (VSD version only)

**** Premiums apply. Please check with your Distributor**

Embedded Version Codes

33-VSE6XYY-03

GNSS Band Codes (X)

0 = full spectrum 1 = Single band 2 = Dual Band (L1/L2) 3 = Triple Band 5 = Dual Band (L1/L5)

LNA Gain Codes (YY)

37 = 37dB

Connector Codes

03 = MMCX straight male (plug)