TALLYSMAN - PART NUMBER ORDERING GUIDE
For all Embedded Antennas
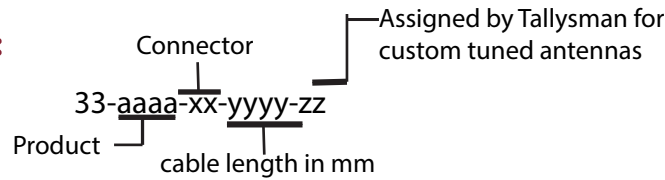
Part Number Structure :

Assigned by Tallysman for custom tuned antennas

Connector

33-aaaa-xx-yyyy-zz

Product

cable length in mm

Valid Connectors

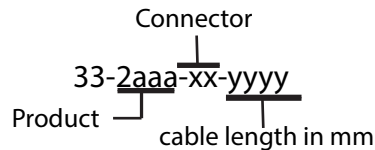|			
00 = SMA straight male (plug)	10 = SMA Right Angle **	20 = SMA Female	35 = MMBX (RG174 cable)**
01 = TNC female	11 = Reverse polarity SMA**	22 = R/A QMA**	36 = MMBX (RG316 cable)**
02 = MCX straight male (plug)	12 = Waterproof SMA**	23 = SMP**	37 = R/A male SMB**
03 = MMCX straight male (plug)	13 = 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 :

Connector

33-2aaa-xx-yyyy

Product

cable length in mm

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
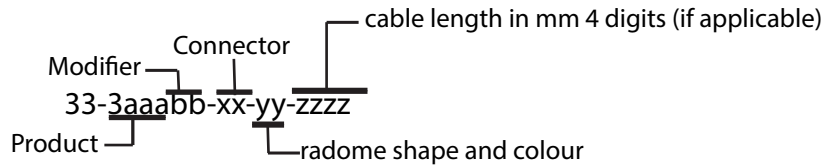
TALLYSMAN - PART NUMBER ORDERING GUIDE

For the **TW3000** Family of Products
For TW3865, TW3870E, TW3872E, TW3967 & TW3972E - refer to Page 1 Embedded Antennas

Part Number Structure :

cable length in mm 4 digits (if applicable)

Connector

Modifier

33-3aaabb-xx-yy-zzzz

Product

radome shape and colour

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
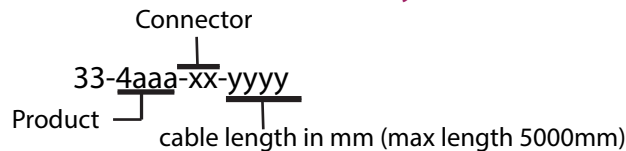

Radome Codes:
00 = Dark grey Conical   10 = Dark grey low profile 20 = Red low profile   01 = White Conical 11 = White low profile

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

For the **TW4000** Family of Products

Part Number Structure :

Connector

33-4aaa-xx-yyyy

Product

cable length in mm (max length 5000mm)

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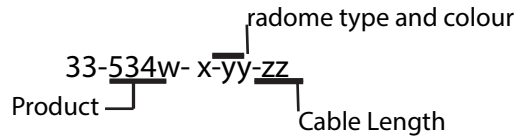
Cable length tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm

For the **TW5340 / TW5341**

Part Number Structure :

radome type and colour

33-534w- x-yy-zz

Product

Cable Length

---

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**Radome Codes (yy):**

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

Cable Length (zz)

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

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For the **VP6000** Family of Products

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

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a = Covered Frequencies:

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

    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

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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.

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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.

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For the **VC6000** Family of Products

Part Number Structure :   33-VC6xyy-zz

Where x=	1 = All GNSS Signals		
yy=	35 = 35dB amplifier	50 = 50dB amplifier	
zz=	01 = TNC (f) connector	14 = N-Type connector	

PN for short SCIGN Radome = 24-0053-0

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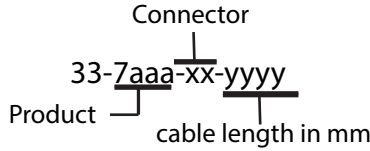
Where yyyy = cable length in mm (refer to Page 1 Embedded section for options)

For the **TW7000** Family of Products

Part Number Structure :

Connector

33-7aaa-xx-yyyy

Product

cable length in mm

Valid Connectors

Without Cable:

07 = SMA female (jack) bulkhead

With Cable (max length 5m):

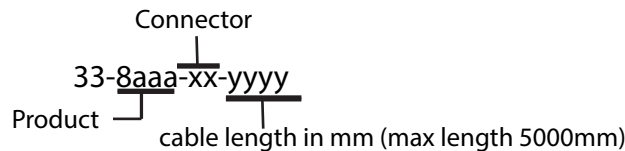|			
00 = SMA straight male (plug)	10 = SMA Right Angle **	20 = SMA Female	35 = MMBX (RG174 cable)**
01 = TNC female	11 = Reverse polarity SMA**	22 = R/A QMA**	
02 = MCX straight male (plug)	12 = Waterproof SMA**	23 = SMP**	37 = R/A male SMB**
03 = MMCX straight male (plug)	13 = SSMA **	24 = SMC Male	
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**	
		33 = MMCX straight male (Cinch Connectivity) **	

** 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

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For the **TW8000** Family of Products

Part Number Structure :

Connector

33-8aaa-xx-yyyy

Product

cable length in mm (max length 5000mm)

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 TW8000antennas 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
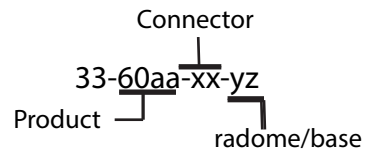
Cable length tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm

TALLYSMAN - PART NUMBER ORDERING GUIDE

For the **VeroStar** Family of Products

Part Number Structure :

Connector

33-60aa-xx-yz

Product

radome/base

Valid Connectors

01 = TNC female

Radome Codes (y):

W = White

Basae Codes (z):

R = Red

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