



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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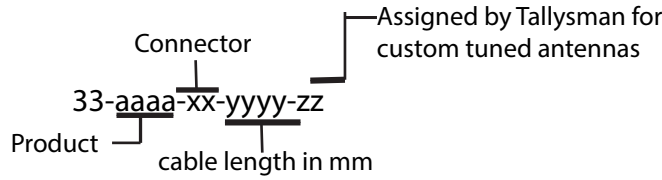


TALLYSMAN - PART NUMBER ORDERING GUIDE

For all Embedded Antennas



Part Number Structure :

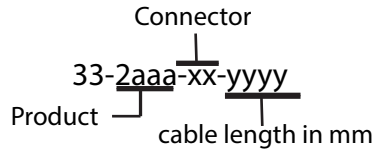


Valid Connectors

- | | | |
|---|-----------------------------|--|
| 00 = SMA straight male (plug) | 10 = SMA Right Angle ** | 20 = SMA Female |
| 01 = TNC female | 11 = Reverse polarity SMA** | 22 = R/A QMA** |
| 02 = MCX straight male (plug) | 12 = Waterproof SMA** | 23 = SMP** |
| 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 ** |
| | | 34x = FAKRA (replace "x" with colour code)** |

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 |
| 01 = TNC female | 11 = Reverse polarity SMA** | 22 = R/A QMA** |
| 02 = MCX straight male (plug) | 12 = Waterproof SMA** | 23 = SMP** |
| 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** |
| | | 33 = MMCX straight male ** |
| | | 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.

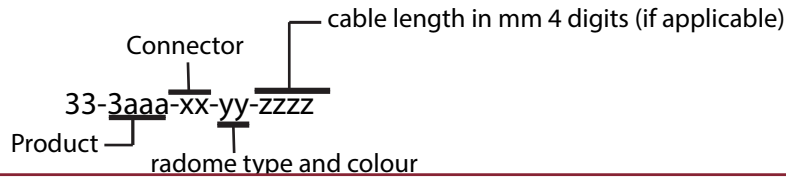
TALLYSMAN - PART NUMBER ORDERING GUIDE



For the TW3000 Family of Products

For TW3865, TW3870E, TW3965 & TW3970E - refer to Page 1 Embedded Antennas

Part Number Structure :



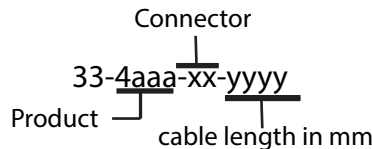
Valid Connectors		
Without Cable:		
01 = TNC female		14 = N-Type female
With Cable (max length 5m):		
00 = SMA straight male (plug)	10 = SMA Right Angle **	20 = SMA Female
01 = TNC female	11 = Reverse polarity SMA**	22 = R/A QMA**
02 = MCX straight male (plug)	12 = Waterproof SMA**	23 = SMP**
03 = MMCX 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**
	NMO = NMO mount	33 = MMCX straight male **
		34x = FAKRA (replace "x" with colour code)**

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

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

For the TW4000 Family of Products

Part Number Structure :



Valid Connectors		
00 = SMA straight male (plug)	10 = SMA Right Angle **	20 = SMA Female
01 = TNC female	11 = Reverse polarity SMA**	22 = R/A QMA**
02 = MCX straight male (plug)	12 = Waterproof SMA**	23 = SMP**
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**
		33 = MMCX straight male **
		34x = FAKRA (replace "x" with colour code)**

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

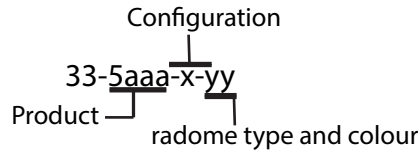
NOTE: To order any of the TW4000 antennas with NO MAGNETS, add "NM" after the Product (eg. 33-4421NM-00-3000). To add Adhesive Tape to the bottom of the same, add "AT" after the Product Name (eg. 33-4421AT-00-3000). If you desire both, then add them together, eg>

TALLYSMAN - PART NUMBER ORDERING GUIDE



For the TW5000 Family of Products

Part Number Structure :



Configuration code: x= 0 = RS232 12V; 1 = RS232 5V; 2 = CMOS 5V, 3 = CMOS, 3.3V, 5 = RS232 3.3V

Radome Codes:

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

For the VP6000 Family of Products

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

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
4 - 9 = Reserved for future use

bb = LNA Gain

35 = 35dB
50 = 50dB

c = Base Type

0 = Standard base
1 - 9 = Reserved for future use

d = Options

0 = No options

ee and ff = connector types:

01 = TNC Female

14 = N-Type Female **

xx = no connector

** Premiums apply. Please check with your Distributor.

NOTE: ff defines a second connector (requiring a custom base to be ordered)

At this time, ff defaults to "xx"

gg = radome:

01 = White Conical

11 = White Flat top

Example:

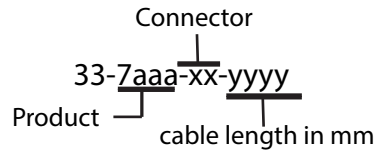
33-605000-01-xx-11 Is an antenna which covers all GNSS frequencies + L-Band, provides, 50 dB of gain, uses a standard base, has one TNC female connector and a white flat top radome.

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)

01 = TNC female

02 = MCX straight male (plug)

03 = MMCX straight male (plug)

04 = SMB straight male (plug)

05 = MCX right angle male (plug)

06 = MMCX right angle male (plug)

10 = SMA Right Angle **

11 = Reverse polarity SMA**

12 = Waterproof SMA**

13 = SSMA **

15 = TNC male (plug)

16 = N-Type Male**

17 = BNC Male**

18 = FME**

19 = MMCX Female

20 = SMA Female

22 = R/A QMA**

23 = SMP**

24 = SMC Male

25 = SMC Straight Female

26 = SMB Straight Female

27 = MCX Female Straight

28 = SSMCX Straight Plug**

29 = R/A SSMCX Plug **

30 = SMB with Overmold**

33 = MMCX straight male **

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

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

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.