### For all Embedded Antennas



34 = FAKRA SMB plug\*\*

20 = SMA Female

34 = FAKRA SMB Plug\*\*

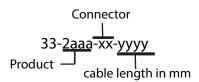
Assigned by Tallysman for Part Number Structure: Connector custom tuned antennas

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00 = SMA straight male (plug) 10 = SMA Right Angle \*\* 20 = SMA Female 01 = TNC female11 = Reverse polarity SMA\*\* 22 = R/A OMA\*\*12 = Waterproof SMA\*\* 02 = MCX straight male (plug) 23 = SMP\*\*13 = SSMA \*\* 03 = MMCX straight male (plug) 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) 30 = SMB with Overmold\*\* 19 = MMCX Female 33 = MMCX straight male \*\*

# For the **TW2000** Family of Products

#### Part Number Structure:



### **Valid Connectors**

#### Without Cable:

07 = SMA female (jack) bulkhead

00 = SMA straight male (plug)

## With Cable (max length 5m):

11 = Reverse polarity SMA\*\* 01 = TNC female22 = R/A QMA\*\*02 = MCX straight male (plug) 12 = Waterproof SMA\*\* 23 = SMP\*\*03 = MMCX straight male (plug) 13 = SSMA \*\*24 = SMC Male04 = SMB straight male (plug) 25 = SMC Straight Female 05 = MCX right angle male (plug) 26 = SMB Straight Female 15 = TNC male (plug)06 = MMCX right angle male (plug) 27 = MCX Straight Female 16 = N-Type Male\*\*17 = BNC Male\*\* 30 = SMB with Overmold\*\*  $18 = FME^{**}$ 33 = MMCX straight male (Cinch Connectivity PN 135-3403-001)\*\*

19 = MMCX Female

10 = SMA Right Angle \*\*

\*\* 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.

# For the **TW3000** Family of Products

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



Connector Cable length in mm 4 digits (if applicable)

radome type and colour

## **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 (on antenna base only) 11 = Reverse polarity SMA\*\*

02 = MCX straight male (plug) 12 = Waterproof SMA\*\* 22=R/A QMA\*\* 03 = MMCX straight male (plug) 13 = SSMA \*\* 23 = SMP\*\*

03 = MiNCX straight male (plug) 13 = 33MA 23 = 3MF 04 = SMB straight male (plug) 24 = SMC Male

05 = MCX right angle male (plug) 15 = TNC male 25 = SMC Straight Female 06 = MMCX right angle male (plug) 16 = N-TYpe Male\*\* 26 = SMB Straight Female

17 = BNC Male\*\*

18 = FME\*\*

20 = SMB straight Tende

27 = MCX Female Straight

30 = SMB with Overmold\*\*

19 = MMCX Female 34 = FAKRA SMB Plug\*\*

## \*\* 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:**

Connector
33-<u>4aaa</u>-xx-<u>yyyy</u>
Product cable length in mm

#### **Valid Connectors**

00 = SMA straight male (plug) 10 = SMA Right Angle \*\* 20 = SMA Female

11 = Reverse polarity SMA\*\*

02 = MCX straight male (plug) 12 = Waterproof SMA\*\* 22 = R/A QMA\*\* 03 = MMCX straight male (plug) 13 = SSMA \*\* 23 = SMP\*\*

04 = SMB straight male (plug)

25 = SMR

24 = SMC Male

05 = MCX right angle male (plug) 15 = TNC male (plug) 25 = SMC Straight Female 06 = MMCX right angle male (plug) 16 = N-Type Male\*\* 26 = SMB Straight Female

16 = N-Type Male\*\*

17 = BNC Male\*\*

18 = FME\*\*

26 = SMB Straight Female

27 = MCX Straight Female

30 = SMB with Overmold\*\*

19 = MMCX Female 33 = MMCX straight male (Cinch

Connectivity PN 135-3403-001)\*\*

34 = FAKRA SMB Plug\*\*

# \*\* 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>

Tallysmar

# 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 = 50 dB

**c** = Base Type

0 = Standard base

1 - 9 = Reserved for future use

 $\mathbf{d} = Options$ 

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,

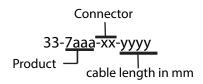
50 dB of gain, uses a standard base, has one TNC female connector

and a white flat top radome.

# 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 01 = TNC female 11 = Reverse polarity SMA\*\*

02 = MCX straight male (plug)  $12 = Waterproof SMA^{**}$   $22 = R/A QMA^{**}$  03 = MMCX straight male (plug)  $13 = SSMA^{**}$   $23 = SMP^{**}$  24 = SMC Male

05 = MCX right angle male (plug) 15 = TNC male (plug) 25 = SMC Straight Female 06 = MMCX right angle male (plug) 16 = N-Type Male\*\* 26 = SMB Straight Female 17 = BNC Male\*\* 27 = MCX Straight Female

18 = FME\*\*

19 = MMCX Female

27 = MCX Straight Female

30 = SMB with Overmold\*\*

33 = MMCX straight male (Cinch

= MINICA Female 33 = MINICA Straight male (Cinch Connectivity PN 135-3403-001)\*\*

34 = FAKRA SMB Plug\*\*

## \*\* 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