CALIAN

Confidence. Engineered.

Calian Part Number Ordering Guide

Table of contents

CALIAN

Confidence. Engineered.

About Calian

We keep the world moving forward. Calian® helps people communicate, innovate, learn and lead safe and healthy lives. Every day, our employees live our values of customer commitment, integrity, innovation and teamwork to engineer reliable solutions that solve complex problems. That's Confidence. Engineered. A stable and growing 40–year company, we are headquartered in Ottawa with offices and projects spanning North American, European and international markets. Visit calian.com to learn about innovative healthcare, communications, learning and cybersecurity solutions.

© Calian Group Ltd.

info.gnss@calian.com | +1 613 591–3131

Calian Ordering Guide EN

Embedded Antenna Family of Products

Custom Tuning is Highly Recommended for all Embedded Antennas

Part Number Structure :   33–aaaa-xx-yyyy   (Please see Page 8 for Embedded Helicals)

aaaa = Model   xx = Connector   yyyy = Cable Length in mm

00 = SMA Straight Male (plug)	15 = TNC male (plug)	26 = SMB Straight Female
02 = MCX Straight Male (plug)	16 = N-Type Male**	27 = MCX Straight Female
03 = MMCX Straight Male (plug)	17 = BNC Male**	29 = R/A SSMCX Plug**
04 = SMB Straight Male (plug)	18 = FME**	30 = SMB with Overmold**
05 = MCX Right Angle Male (plug)	19 = MMCX Female	35 = MMBX**
06 = MMCX Right Angle male (plug) **	20 = SMA Female	37 = R/A Male SMB**
09 = U.FL (micro-coax cable)	21 = SMA Right Angle Female**	38 = TNC Female
10 = SMA Right Angle**	22 = R/A QMA**	39 = TNC Right Angle Male**
11 = Reverse Polarity SMA**	23 = SMP Straight Male (plug)**	40 = SMP R/A Female**
12 = Waterproof SMA**	24 = SMC Male	
13 = SSMA**	25 = SMC Straight Female	

If ordering one of our NEW (July 1, 2021) Extended Filtering models, the part number will be 33–aaaaXF–xx–yyyy
XF = Extended Filtering (Only avilable with TW3967 & TW3972E)

Cable Length Tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm
Maximum Cable Lengths: 5000mm for RG174 , 1450mm for Micro-Coax
** Premiums apply. Please check with your Distributor.

TW2000 Family of Products

Part Number Structure :   33–2aaa-xx-yyyy

2aaa = Model   **xx** = Connector   **yyyy** = Cable Length in mm (if applicable)

Valid Connectors (xx)

Without Cable:

07 = SMA Female (jack) bulkhead

With Cable:

00 = SMA Straight Male (plug)	16 = N-Type Male**	27 = MCX Straight Female
02 = MCX Straight Male (plug)	17 = BNC Male**	29 = R/A SSMCX Plug**
03 = MMCX Straight Male (plug)	18 = FME**	30 = SMB with Overmold**
04 = SMB Straight Male (plug)	19 = MMCX Female	31 = SMC R/AFemale**
05 = MCX Right Angle Male (plug)	20 = SMA Female	35 = MMBX**
06 = MMCX Right Angle male (plug) **	21 = SMA Right Angle Female**	37 = R/A Male SMB**
10 = SMA Right Angle**	22 = R/A QMA**	38 = TNC Female
11 = Reverse Polarity SMA**	23 = SMP Straight Male (plug)**	39 = TNC Right Angle Male**
12 = Waterproof SMA**	24 = SMC Male	40 = SMP R/A Female**
13 = SSMA**	25 = SMC Straight Female	
15 = TNC male (plug)	26 = SMB Straight Female	

NOTE: To order the TW2000 antennas with No Magnet, add "NM" after the Product (eg. 33–2410NM-07).

To add Adhesive Tape to the bottom of the TW2000, add "AT" after the Product (eg. 33–2410AT-07).

If you would like both, No Magnet and Adhesive Tape, add "NMAT" after the Product (eg. 33–2410NMAT-07). To order the TW2000 antennas with rubber gasket add RG after the Product (eg. 33–2410RG-07). Please note that RG is incompatible with AT.

Cable Length Tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm

Maximum Cable Lengths: 5000mm

** Premiums apply. Please check with your Distributor.

TW3000 Family of Products

Please Refer to Embedded Antennas for all dual & triple band embedded TW3000 configurations.

Part Number Structure : 33–3aabb-xx-yy-zzzz

3aaa = Model   bb = Modifier (if applicable)   xx = Connector

yy = Radome
(Type and Colour)   zzzz = Cable Length in mm
(if applicable)

Valid Connectors (xx)

Without Cable:

01 = TNC Female   14 = N-Type Female**

With Cable:

00 = SMA Straight Male (plug)	16 = N-Type Male**	27 = MCX Straight Female
02 = MCX Straight Male (plug)	17 = BNC Male**	29 = R/A SSMCX Plug**
03 = MMCX Straight Male (plug)	18 = FME**	30 = SMB with Overmold**
04 = SMB Straight Male (plug)	19 = MMCX Female	31 = SMC R/AFemale**
05 = MCX Right Angle Male (plug)	20 = SMA Female	35 = MMBX**
06 = MMCX Right Angle male (plug) **	21 = SMA Right Angle Female**	37 = R/A Male SMB**
10 = SMA Right Angle**	22 = R/A QMA**	38 = TNC Female
11 = Reverse Polarity SMA**	23 = SMP Straight Male (plug)**	39 = TNC Right Angle Male**
12 = Waterproof SMA**	24 = SMC Male	40 = SMP R/A Female**
13 = SSMA**	25 = SMC Straight Female	
15 = TNC male (plug)	26 = SMB Straight Female	

Modifiers (bb): ST = Short Thread **(ST not valid with 01 or 14 connectors)** AJ = Anti-Jamming Configuration**
XF = Extended Filtering (Only avilable with TW3872 & TW3972)

Maximum Cable Length: 5000mm   **Cable Length Tolerances:** <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm

** Premiums apply. Please check with your Distributor.

Anti Jamming Part# 33–aaaaAJ-xx-y-zzzz (Cable Optional)

Radome Codes (yy):

00 = Dark grey Conical   10 = Dark grey low profile   12 = Black low profile   01 = White Conical   11 = White low profile

AJ Antenna Radome Code (y):

W = White   G=Grey (For TW3742, and TW3752 only)

TW4000 Family of Products

Part Number Structure :   33–4aaa–xx–yyyy

4aaa = Model   xx = Connector   yyyy = Cable Length in mm

Valid Connectors (xx)

Cable required:

00 = SMA Straight Male (plug)	16 = N-Type Male**	27 = MCX Straight Female
02 = MCX Straight Male (plug)	17 = BNC Male**	28 = SSMCX Straight Plug**
03 = MMCX Straight Male (plug)	18 = FME**	29 = R/A SSMCX Plug**
04 = SMB Straight Male (plug)	19 = MMCX Female	30 = SMB with Overmold**
05 = MCX Right Angle Male (plug)	20 = SMA Female	35 = MMBX**
06 = MMCX Right Angle male (plug) **	21 = SMA Right Angle Female**	37 = R/A Male SMB**
10 = SMA Right Angle**	22 = R/A QMA**	38 = TNC Female
11 = Reverse Polarity SMA**	23 = SMP Straight Male (plug)**	39 = TNC Right Angle Male**
12 = Waterproof SMA**	24 = SMC Male	40 = SMP R/A Female**
13 = SSMA**	25 = SMC Straight Female	
15 = TNC male (plug)	26 = SMB Straight Female	

NOTE: To order the TW4000 antennas with No Magnet, add "NM" after the Product (eg. 33–4421NM–00–3000).

To add Adhesive Tape to the bottom of the TW4000, add "AT" after the Product (eg. 33–4421AT–00=3000).

If you want both, No Magnet and Adhesive Tape, add "NMAT" after the Product (eg. 33–4421NMAT–00–3000).

Cable Length Tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm

Maximum Cable Lengths: 5000mm

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

TW5350 / TW5351 / TW5354 (Timing & Infrastructure Positioning)

Part Number Structure :   33–535w-x-yy-zz-PCO

53ww = Model   x = Voltage and Interface   yy = Radome (Type and Colour)

zz = Cable Length   PCO = Factory Default

w = Model Type:

0 = Standard
1 = Non-Magnetic
4 = Two RS422 Ports

x = Voltage and Interface:

7 = 5–36V (standard)
9 = 5V LV (extended low
voltage for 25m applications)

PCO = Factory Default

Radome (yy):
00 = Dark grey Conical
01 = White Conical
10 = Dark grey low profile
11 = White low profile

Cable Length (zz):
05 = 5m (standard)
15 = 15m*
25 = 25m*

*Premium applies

TW5252 / TW5262 / TW5352 / TW5362 / TW5365 (Automotive Positioning)

Part Number Structure :   33–5uvw-7-10-05–PC0

uvw = Model   7 = 5–36v   10 = Dark Gray Low–Profile Radome

05 = 5m Cable   PCO = Factory Default

Model Type:

Mount (u):	IMU (v):	Signalling (w):
2 = magnetic	5 = no IMU	2 = RS232
3 = Fixed	6 = IMU	5 = RS422/485

TW5(3/7)8(2/4/6) (Dual–Band High Precision)

Part Number Structure :   333–5a8w-xv-yy-zz-PC0

5a8w = Model   xv = Interface and Voltage

yy = Radome (Type and Colour)   zz = Cable Length

a = Mount Type:

3 = Through-Hole, Fixed Mount
7 = Surface Mount, Magnet

w = Model Type:

2 = Timing (L1/L2)
4 = Positioning (L1/L2)
6 = Positioning (L1/L2) + IMU

PCO = Factory Default

x = Interface:

0 = RS422/485
1 = USB
2 = RS232
3 = USB+BT+Wifi
4 = CMOS

v = Voltage:

7 = 5–36V (standard)

Radome (yy):

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

Cable Length (zz):

05 = 5m (standard)
15 = 15m*
25 = 25m*

*Premium applies

TW5(3/7)90 (Dual–Band + 1MU + L–Band)

Part Number Structure :   33–5a90–xv-yy-zz-PC0

5a90 = Model   xv = Interface and Voltage

yy = Radome (Type and Colour)   zz = Cable Length

a = Mount Type:

3 = Through-Hole, Fixed Mount
7 = Surface Mount, Magnet

For CLAS Precise Positioning add "C"
to the model number
(33–5a90C-xv-yy-zz-PCO)

PC0 = Factory Default

x = Interface:

0 = RS422/485
1 = USB
2 = RS232
3 = USB+BT+Wifi
4 = CMOS

v = Voltage:
9 = 5V LV

Radome (yy):

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

Cable Length (zz):

05 = 5m (standard)
15 = 15m*
25 = 25m*

TruPrecision SDK:

Part Number Structure :   33–TP5abbSDK-x

a = Mount Type   bb = Model   x = Interface

a = Mount Type:

3 = Through-Hole, Fixed Mount
7 = Surface Mount, Magnet

bb = Model:

82 = Timing (L1/L2)
84 = Positioning (L1/L2)
86 = Positioning (L1/L2) + IMU
90 = Timing/Positioning (L1/L2)
+ IMU + L-Band

x = Interface:

0 = RS422/485
1 = USB
2 = RS232
3 = USB+BT+Wifi
4 = CMOS

Super Small & Light Series

Part Number Structure :   33–SSLaaaXF-x

aaa = Model Number   x = Configuration

aaa = Model Number

x = Configuration

1 = Through Hole
2 = Mounting Ring
3 = Adhesive Tape

CALIAN®
Confidence. Engineered.

info.gnss@calian.com | 1.613.591.3131 in

VP6000 Family of Products

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

a = Covered Frequencies   bb = LNA Gain   c = Base

d = Options   ee = Connector   gg = Radome

---

a = Covered Frequencies:

0 = All GNSS Frequencies + L-Band
1 = All GNSS Frequencies
3 = L1/L2/L5, G1/G2/G3, B1/B2, E1/E5a+b

bb = LNA Gain:

35 = 35dB
50 = 50dB

c = Base:

0 = Standard Base

d = Options

0 = No Options

ee = Connector:

01 = TNC Female
14 = N-Type Female**

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, has a standard base, with a TNC female connector and a white flat top radome.

**Premium applies

VC6000 Family of Products

Part Number Structure :   33–VC6xyy-14 **

x = Covered Frequencies   yy = LNA Gain

** Standard ChokeRing is Red in color, see below for alternate color

---

x = Covered Frequencies:

0 = All GNSS Frequencies + L-Band
Correction Services
1 = All GNSS Frequencies

** Part# for a Grey ChokeRing is 33–VC6xyy-14–G

yy = LNA Gain:

35 = 35dB
50 = 50dB

Connector:

14 = N-Type Female

SCIGN Radome Available

Short SCIGN Radome = 24–0053–0   Tall SCIGN Radome = 24–0053–1

[Housed](#) **Helical** Family of Products

Model:	Part Numbers:		
HC600	33–HC600 (Passive)		
HC610	33–HC610–28 (28dB LNA)		
HC771	33–HC771–28 (28dB LNA)		
HC843	33–HC843–25 (25dB LNA)		
HC871	33–HC871–28 (28dB LNA)		
HC860	33–HC860–28 (28dB LNA)	|	33–HC860–35 (35dB LNA)
HC872	33–HC872–28 (28dB LNA)	|	33–HC872–35 (35dB LNA)
HC882	33–HC882–28 (28dB LNA)	|	33–HC882–35 (35dB LNA)
HC976	33–HC976–28 (28dB LNA)	|	33–HC976–35 (35dB LNA)
HC977	33–HC977–28 (28dB LNA)	|	33–HC977–35 (35dB LNA)
HC977XF	33–HC977XF-28 (28dB LNA)	|	33–HC977XF-35 (35dB LNA)

~All Housed Helicals include an integrated SMA Male Connector~

Embedded Helical Family of Products

Model:	Part Numbers:		
HC600E [1]	33–HC600E (Passive)		
HC610E [1]	33–HC610E-28 (28dB LNA)		
HC771E [1]	33–HC771E-28 (28dB LNA)		
HC843E [2]	33–HC843E-25 (25dB LNA)		
HC871E [1]	33–HC871E-28 (28dB LNA)		
HC872E [2]	33–HC872E-28 (28dB LNA)	|	33–HC872E-35 (35dB LNA)
HC882E [2]	33–HC882E-28 (28dB LNA)	|	33–HC882E-35 (35dB LNA)
HC976E [2]	33–HC976E-28 (28dB LNA)	|	33–HC976E-35 (35dB LNA)
HC977E [2]	33–HC977E-28 (28dB LNA)	|	33–HC977E-35 (35dB LNA)

~All Embedded Helicals include an integrated MCX Straight Female Connector~

Mounting Ring Available: [1] 20mm Ring – Part# 23–0219–0 | [2] 30mm Ring – Part# 23–0220–0

TW7000 Family of Products

Part Number Structure :   33–7aaa–xx–yyyy

7aaa = Model   **xx** = Connector   **yyyy** = Cable Length in mm (if applicable)

Valid Connectors (xx)

Without Cable:

07 = SMA Female (jack) bulkhead

With Cable:

00 = SMA Straight Male (plug)	16 = N-Type Male**	27 = MCX Straight Female
02 = MCX Straight Male (plug)	17 = BNC Male**	29 = R/A SSMCX Plug**
03 = MMCX Straight Male (plug)	18 = FME**	30 = SMB with Overmold**
04 = SMB Straight Male (plug)	19 = MMCX Female	31 = SMC R/A Female**
05 = MCX Right Angle Male (plug)	20 = SMA Female	35 = MMBX**
06 = MMCX Right Angle male (plug) **	21 = SMA Right Angle Female**	37 = R/A Male SMB**
10 = SMA Right Angle**	22 = R/A QMA**	38 = TNC Female
11 = Reverse Polarity SMA**	23 = SMP Straight Male (plug)**	39 = TNC Right Angle Male**
12 = Waterproof SMA**	24 = SMC Male	40 = SMP R/A Female**
13 = SSMA**	25 = SMC Straight Female	
15 = TNC male (plug)	26 = SMB Straight Female	

NOTE: To order the TW7000 antennas with No Magnet, add "NM" after the Product (eg. 33–7970NM–07). To add Adhesive Tape to the bottom of the TW7000, add "AT" after the Product (eg. 33–7970AT–07).

If you would like both, No Magnet and Adhesive Tape, add "NMAT" after the Product (eg. 33–7970NMAT–07). To order the TW7000 antennas with rubber gasket add RG after the Product (eg. 33–7970RG–07). Please note that RG is incompatible with AT.

Cable Length Tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm

Maximum Cable Lengths: 5000mm

** Premiums apply. Please check with your Distributor.

TW8000 Family of Products

Part Number Structure :   33–8aaa-xx-yyyy

8aaa = Model   xx = Connector   yyyy = Cable Length in mm

Valid Connectors (xx)

Cable Required:

00 = SMA Straight Male (plug)	15 = TNC male (plug)	25 = SMC Straight Female
02 = MCX Straight Male (plug)	16 = N-Type Male**	26 = SMB Straight Female
03 = MMCX Straight Male (plug)	17 = BNC Male**	27 = MCX Straight Female
04 = SMB Straight Male (plug)	18 = FME**	29 = R/A SSMCX Plug**
05 = MCX Right Angle Male (plug)	19 = MMCX Female	30 = SMB with Overmold**
06 = MMCX Right Angle male (plug) **	20 = SMA Female	35 = MMBX**
10 = SMA Right Angle**	21 = SMA Right Angle Female**	37 = R/A Male SMB**
11 = Reverse Polarity SMA**	22 = R/A QMA**	38 = TNC Female
12 = Waterproof SMA**	23 = SMP Straight Male (plug)**	39 = TNC Right Angle Male**
13 = SSMA**	24 = SMC Male	40 = SMP R/A Female**

NOTE: To order the TW8000 antennas with No Magnet, add "NM" after the Product (eg. 33–8829NM-00–3000). To add Adhesive Tape to the bottom of the TW8000, add "AT" after the Product (eg. 33–8829AT-00–3000).

If you want both, No Magnet and Adhesive Tape, add "NMAT" after the Product (eg. 33–8829NMAT-00–3000).

Cable Length Tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm

Maximum Cable Lengths: 5000mm

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

TWA (AccuAuto™) Family of Products

Part Number Structure :   33–AaaaL–xx–yyyy

aaa = Model   L = L–Band corrections required (optional)

xx = Connector   yyyy = Cable length in mm

Valid Connectors (xx)

Cable Required:

00 = SMA Straight Male (plug)	15 = TNC male (plug)	26 = SMB Straight Female
02 = MCX Straight Male (plug)	16 = N-Type Male**	27 = MCX Straight Female
03 = MMCX Straight Male (plug)	17 = BNC Male**	29 = R/A SSMCX Plug**
04 = SMB Straight Male (plug)	18 = FME**	30 = SMB with Overmold**
05 = MCX Right Angle Male (plug)	19 = MMCX Female	31 = SMC R/A Female**
06 = MMCX Right Angle male (plug) **	20 = SMA Female	35 = MMBX**
10 = SMA Right Angle**	22 = R/A QMA**	37 = R/A Male SMB**
11 = Reverse Polarity SMA**	23 = SMP Straight Male (plug)**	38 = TNC Female
12 = Waterproof SMA**	24 = SMC Male	40 = SMP R/A Female**
13 = SSMA**	25 = SMC Straight Female	

Cable Length Tolerances: <1m : ±3.0mm, 1m-4.9m: ±30mm, >5m: ±50mm

Maximum Cable Lengths: 5000mm

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

VeroStar Pole Mount Family of Products

Part Number Structure :   33–VSP6x37L-zz

x = GNSS Band   L = L–Band corrections   zz = Mount

x = GNSS Band:	zz = Mount:	LNA Gain: 37dB
0 = Full Spectrum	01 = 1" x 14tpi	
3 = Triple Band	58 = 5/8" x 11tpi (premium applies)	**Connector:** TNC Female
		L: L-Band corrections

VeroStar Surface Mount Family of Products

Part Number Structure :   33–VSS6x37L

x = GNSS Band

x = GNSS Band:	Mount: 4 screws	LNA Gain: 37dB
0 = Full Spectrum		
3 = Triple Band		**Connector:** TNC Female
		L: L-Band corrections

VeroStar Marine Family of Products

Part Number Structure :   33–VSP6x37L-MAR-zz

x = GNSS Band   zz = Mount

x = GNSS Band:	zz = Mount:	LNA Gain: 37dB
0 = Full Spectrum	01 = 1" x 14tpi	
3 = Triple Band	58 = 5/8" x 11tpi (premium applies)	**Connector:** TNC Female
		L: L-Band corrections

VeroStar Embedded-Standard Family of Products

Part Number Structure : 33-VSE6x28L

x = GNSS Band   L = L-Band corrections

x = GNSS Band:	Mount: 4 screws	LNA Gain: 28dB
0 = Full Spectrum		
3 = Triple Band		**Connector:** MCX Straight Female
		L: L-Band corrections

Contact Calian before ordering

VeroStar Embedded-Mini Family of Products

Part Number Structure : 33-VSM6x28L-ppp

x = GNSS Band   L = L-Band corrections   p = PCB Diameter

x = GNSS Band:	Mount: 8 screws	LNA Gain: 28dB
0 = Full Spectrum		
3 = Triple Band		**Connector:** MCX Straight Female
		L: L-Band corrections
p = PCB Diameter:		
090 = 090mm PCB		
106 = 106mm PCB		

Contact Calian before ordering

AJ Series Antennas

Part Number Structure :   33–AJ977XF-xx

                                                 x = GNSS Band

Valid Connectors (xx)

01 = TNC female connector
14 = N-type female connector

Cable Assembly

Part Number Structure :   27–xx-zzzz-yyyy

                                                 x = Connector type (up to 2)   zzzz = Cable length in mm

                                                 yyyy = Cable type (eg RG174, LMR100, RG58, RG316)

Valid Connectors (xx)

00 = SMA Straight Male (plug)	15 = TNC male (plug)	25 = SMC Straight Female
02 = MCX Straight Male (plug)	16 = N-Type Male**	26 = SMB Straight Female
03 = MMCX Straight Male (plug)	17 = BNC Male**	27 = MCX Straight Female
04 = SMB Straight Male (plug)	18 = FME**	29 = R/A SSMCX Plug**
05 = MCX Right Angle Male (plug)	19 = MMCX Female	30 = SMB with Overmold**
06 = MMCX Right Angle male (plug) **	20 = SMA Female	35 = MMBX**
10 = SMA Right Angle**	21 = SMA Right Angle Female	37 = R/A Male SMB**
11 = Reverse Polarity SMA**	22 = R/A QMA**	38 = TNC Female
12 = Waterproof SMA**	23 = SMP Straight Male (plug)**	39 = TNC Right Angle Male
13 = SSMA**	24 = SMC Male	40 = SMP R/A Female**

** Premiums apply. Please check with your Distributor.

Accessories (TW3000)

23-0067-0	TW3000 Series – Ground Plane - Aluminum
23-0040-0	TW3000 Series – L-Bracket - Aluminum
23-0040-1	TW3000 Series – L-Bracket - Stainless Steel
23-0040-2	TW3000 Series – L-Bracket - Aluminum Anti-Jamming
23-0092-0	TW3000 Series – Mast Mount
23-0065-0	TW3000 Series – Pipe Mount Adapter – Screw Compression
23-0110-0	TW3000 Series – Pipe Mount Adapter – Threaded

In-Line Amplifiers

32-0120-xx - GPS L1, 25dB
32-0125-xx - 1.2 to 1.8 Ghz, 27dB
32-0125B-xx - 1 to 2 Ghz, 27dB
32-0127-xx - Low Current/Low Voltage 1559 MHz to 1610 MHz, 25 dB
32-0141-xx - 1.15 to 1.75 Ghz, 40dB, mid power

xx = connector type

00 – SMA female on input (antenna connection) / SMA female on output (receiver connection)
01 – TNC female on input (antenna connection) / TNC female on output (receiver connection)
02 – SMA female on input (antenna connection) / TNC female on output (receiver connection)
03 – TNC female on input (antenna connection) / SMA female on output (receiver connection)
14 – N-type female connectors

*premiums apply

Bias Tees – Signal Splitters

32-0150-xx - 1 to 2 signal splitter with DC pass-through (port 2)
32-0151-xx - 1 to 2 signal splitter with DC blocking
32-0154-xx - Bias Tee, 3.3 VDC out
32-0155-xx - Bias Tee, 5 VDC out

xx = connector type

00 – SMA female (jack) for internal use only
01 – TNC female (jack) for internal use only
02 - TNC female (jack), IP67 rating, for external use

*premiums apply

Bias Tees – Signal Splitters

32–0162–xx – 1 to 2 smart signal splitter (TNC or N-Type connectors only)

32–0162A–xx – 1 to 2 smart signal splitter (FAKRA connectors only)

32–0163–xx – 1 to 2 smart signal splitter with 10dB amplification(TNC or N-Type connectors only)

32–0164–xx – 1 to 4 smart signal splitter (TNC or N-Type connectors only)

32–0165–xx – 1 to 4 smart signal splitter with 10dB amplification (TNC or N-Type connectors only)

xx = connector type

01 – TNC female (jack) for internal use only

14 - N-type female

34 - FAKRA