


ECN/PCN No.: R0491

## For Manufacturer

<b>Product Description:</b> GNSS L1 (GPS/GLONASS/BEIDOU/GALILEO) - FPC ANTENNA	<b>Abracon Part Number / Part Series:</b> AFAG3030-SG3	<input type="checkbox"/> Documentation only <input checked="" type="checkbox"/> ECN <input type="checkbox"/> EOL <input type="checkbox"/> Series <input type="checkbox"/> Part Number
<b>Affected Revision:</b> C	<b>New Revision:</b> D	<b>Application:</b> <input type="checkbox"/> Safety <input checked="" type="checkbox"/> Non-Safety

## Prior to Change:

GNSS L1 (GPS/GLONASS/BeiDou/Galileo) - FPC Antenna



AFAG3030-SG3
Request Samples
Check Inventory
30 x 30 x 6.2 mm  
RoHS Compliant  
MSL Level = N/A

**Environmental Specification**


Parameter	Specification
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
RoHS Compliance	Yes
MSL	Not Applicable
Vibration	10 ~ 55 Hz with 1.5 mm amplitude 2 hrs

**Ordering Information**

Part Number	Description	Connector Option
AFAG3030-SG3-0100I	GNSS L1 (GPS/GLONASS/BeiDou/Galileo) - FPC Antenna with IPEX-1 connector with 100mm cable length	w.FL/IPEX-1/MHF1
AFAG3030-SG3-0100W	GNSS L1 (GPS/GLONASS/BeiDou/Galileo) - FPC Antenna with IPEX-4 connector with 100mm cable length	w.FL/IPEX-4/MHF4
AFAG3030-SG3-0240A	GNSS L1 (GPS/GLONASS/BeiDou/Galileo) - FPC Antenna with IPEX-4 connector with 240mm cable length	w.FL/IPEX-4/MHF4
AFAG3030-SG3-0200B	GNSS L1 (GPS/GLONASS/BeiDou/Galileo) - FPC Antenna with IPEX-4 connector with 200mm cable length	FAKRA-C


2001 Hollis Creek Ln, Spicewood TX 78669  
Phone: 512-571-4030 / Fax: 512-571-4038  
For terms and conditions of sale, please visit:  
www.abracon.com
REVISID: 00-02-24
ABRACON IS  
ISO9001:2015  
CERTIFIED

## After Change:

GNSS L1 (GPS/GLONASS/BeiDou/Galileo) - FPC Antenna



AFAG3030-SG3
Request Samples
Check Inventory
30 x 30 x 6.2 mm  
RoHS Compliant

**Environmental Specification**

Parameter	Specification
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
RoHS Compliance	Yes
MSL	Not Applicable
Vibration	10 ~ 55 Hz with 1.5 mm amplitude 2 hrs

**Ordering Information**

Part Number	Description	Connector Option
AFAG3030-SG3	GNSS L1 (GPS/GLONASS/BeiDou/Galileo) - FPC Antenna with MHF4 connector with 240mm cable length	MHF4
AFAG3030-SG3-0100I	GNSS L1 (GPS/GLONASS/BeiDou/Galileo) - FPC Antenna with MHF1 connector with 100mm cable length	MHF1
AFAG3030-SG3-0100W	GNSS L1 (GPS/GLONASS/BeiDou/Galileo) - FPC Antenna with MHF4 connector with 100mm cable length	MHF4


2001 Hollis Creek Ln, Spicewood TX 78669  
Phone: 512-571-4030 / Fax: 512-571-4038  
For terms and conditions of sale, please visit:  
www.abracon.com
REVISID: 12-23-25
AFAG3030-SG3  
000001-0011  
03030303

## Cause/Reason for Change:

Updated PN AFAG3030-SG3-0240A to AFAG3030-SG3; removed PN AFAG3030-SG3-0200B (Fakra connector)

## Change Plan

<b>Effective Date:</b>	<b>Additional Remarks:</b>
------------------------	----------------------------

2025/12/23			
<b>Change Declaration:</b>			
<b>Issued Date:</b> <div style="text-align: center;">2025/12/23</div>	<b>Issued By:</b> <div style="text-align: center;">Allan</div>	<b>Issued Department:</b> <div style="text-align: center;">Engineering</div>	
<b>Approval:</b> <div style="text-align: center;">Saravanan Subramanian Engineering Manager</div>	<b>Approval:</b> <div style="text-align: center;">Reuben Quintanilla Quality Director</div>	<b>Approval:</b> <div style="text-align: center;">Ying Huang Purchasing Director</div>	
<b>For Abracon EOL only</b>			
<b>Last Time Buy (if applicable):</b>		<b>Alternate Part Number / Part Series:</b>	
<b>Additional Approval:</b>	<b>Additional Approval:</b>	<b>Additional Approval:</b>	
<b>Customer Approval (If Applicable)</b>			
<b>Qualification Status:</b> <div style="text-align: center;"> <input type="checkbox"/> Approved   <input type="checkbox"/> Not accepted         </div> <p style="font-size: small; margin-top: 5px;">Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.</p>			
<b>Customer Part Number:</b>		<b>Customer Project:</b>	
<b>Company Name:</b>	<b>Company Representative:</b>	<b>Representative Signature:</b>	
<b>Customer Remarks:</b>			