

**ECN/PCN No.: R0491**
**For Manufacturer**

<b>Product Description:</b> GNSS L1 (GPS/GLONASS/BeiDou/GALILEO) - FPC ANTENNA	<b>Abracan 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 0.2 mm RoHS/REHS II 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	u.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

5101 Hidden Creek Ln Spicewood TX 78669  
Phone: 512-351-4159 | Fax: 512-351-8358  
For more information or questions, please visit: [www.abrason.com](http://www.abrason.com)

REVISED: 09-02-24 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 0.2 mm RoHS/REHS II 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

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**Cause/Reason for Change:**

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

**Change Plan**
**Effective Date:**
**Additional Remarks:**

2025/12/23		
<b>Change Declaration:</b>		
<b>Issued Date:</b> 2025/12/23	<b>Issued By:</b> <i>Allan</i>	<b>Issued Department:</b> Engineering
<b>Approval:</b> <i>Saravanan Subramanian</i> Engineering Manager	<b>Approval:</b> <i>Reuben Quintanilla</i> Quality Director	<b>Approval:</b> <i>Ying Huang</i> Purchasing Director
<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> <input type="checkbox"/> Approved <input type="checkbox"/> Not accepted <i>Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.</i>		
<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>		