

# ANTENNA SELECTOR GUIDE

## Internal Antennas

ANTENNA TYPE	SUPPLIERS	PRODUCTS
<b>CELLULAR (5G/LTE/3G)</b>		
Chip	Abracon AVX Taoglas	<b>Abracon:</b> ACAR3705-S698, ACAR4008-S698 <b>AVX:</b> 1004795, P822601 <b>Taoglas:</b> PA.740.A, MCS6.A
Flexible PCB (FPC)	Abracon AVX Taoglas	<b>Abracon:</b> AFAC240020-M698, AFAC5867-S698 <b>AVX:</b> 1002289 <b>Taoglas:</b> MFX3.07, FXUB66
<b>BLUETOOTH/WIFI/ZIGBEE</b>		
Chip	Abracon AVX Taoglas	<b>Abracon:</b> ACAG0201-2450-T, ACAG0301-24505500-T <b>AVX:</b> M310220, M830520 <b>Taoglas:</b> WLA.01, SDWA.01
Flexible PCB (FPC)	Abracon AVX Taoglas	<b>Abracon:</b> AFAG2220-SW2 <b>AVX:</b> 1001932FT <b>Taoglas:</b> FXP.830, FXP.75
Patch (Active, Passive)	Abracon Taoglas	<b>Abracon:</b> APARC2505-S2450, APAKN2504-S2448-T <b>Taoglas:</b> WLP.2450.25, WDP.2458.25
<b>ISM/LORA/SIGFOX</b>		
Chip	Abracon AVX Taoglas	<b>Abracon:</b> ACAJ-110-T, ACAG1204-433-T <b>AVX:</b> M620720 <b>Taoglas:</b> ILA.08, ILA.09
Flexible PCB (FPC)	Taoglas	<b>Taoglas:</b> FXP.280, FXP.290
Patch (Active, Passive)	Abracon Taoglas	<b>Abracon:</b> APAE915R2540ABDB1-T, APAE868R2540JBDB2-T <b>Taoglas:</b> ISPC.91A, ISPC.86A
<b>GNSS</b>		
Chip	Abracon AVX Taoglas	<b>Abracon:</b> ACAR0301-SG3, ACAG0301-1575-T <b>AVX:</b> M830120 <b>Taoglas:</b> GGBLA.125.A
Flexible PCB (FPC)	Abracon Taoglas	<b>Abracon:</b> AFAG4330-SG3 <b>Taoglas:</b> FXP611.07, FXP612.07
Patch (Active, Passive)	Abracon AVX Taoglas	<b>Abracon:</b> APARC2504A-SG3, APARM2508S-SGL2L5 <b>AVX:</b> 1004259, 1004322 <b>Taoglas:</b> AGGBP.35F, CGGBP.18.4.A.02, GGBTP.35.3.A.40
<b>UWB (ULTRA-WIDEBAND)</b>		
Chip	Taoglas	<b>Taoglas:</b> UWC.20, UWC.40, UWCCR.01
Flexible PCB (FPC)	AVX Taoglas	<b>AVX:</b> 1005190F0, 1005188F0 <b>Taoglas:</b> FXUWB01.07.0100C, FXUWB10.01.0100C
<b>SATELLITE COMMUNICATIONS</b>		
Patch (Active, Passive)	Abracon Taoglas	<b>Abracon:</b> APAE1621R2540ABDD1, APAE2338L2540DDDB1-T, APARM2504-C2GR <b>Taoglas:</b> SP.1615.25, SXP.25, SDDCP.5900.25.10

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## External Antennas

ANTENNA TYPE	SUPPLIERS	PRODUCTS
<b>CELLULAR (5G/LTE/3G)</b>		
Terminal/Whip	Abrakon EAD Taoglas TE Connectivity	<b>Abrakon:</b> AEACAC198013-S698, APAMPSLJ-140 <b>EAD:</b> FLTS35367-SM-ST, FPTR35235-SM-KR <b>Taoglas:</b> TG.55.8113, TG.45.8113 <b>TE Connectivity:</b> 2195736-1, 2195632-1
Magnetic-Mount	Abrakon EAD Taoglas TE Connectivity	<b>Abrakon:</b> AEACAD460065-S698, AEACAD097015-S698 <b>EAD:</b> MIMO-MAG-SMSM, MP-2L-SMSM <b>Taoglas:</b> GA.111.101111, MB.TG30.A.305111 <b>TE Connectivity:</b> 955-006-002
Screw-Mount	Abrakon EAD Taoglas TE Connectivity	<b>Abrakon:</b> AEACBK081014-M698, AEACBK110053-MLWG <b>EAD:</b> FBTN35369-SM-1K, FCMO35303-SMSM-1K <b>Taoglas:</b> TLS.01, G30 <b>TE Connectivity:</b> 955-181-001, 2363694-1
Adhesive-Mount	Abrakon Taoglas TE Connectivity	<b>Abrakon:</b> AEACBA081014-M698 <b>Taoglas:</b> GSA.8827, MA241.BI.001 <b>TE Connectivity:</b> CAT-R131-L6267, CAT-R131-T673
Wall/Pole Mount	EAD Taoglas TE Connectivity	<b>EAD:</b> FGO-5M195-SM, LMO7270-WB-SMSM <b>Taoglas:</b> OMB.6912.03F21, LWB02.A.505111 <b>TE Connectivity:</b> 2362683-1, 2363695-1
<b>BLUETOOTH/WIFI/ZIGBEE</b>		
Terminal/Whip	Abrakon EAD Taoglas TE Connectivity	<b>Abrakon:</b> APAMS-121, AEACAQ190012-S2400 <b>EAD:</b> FBTS35024-SM-RA, FBTR35160-SM-KR <b>Taoglas:</b> GW.48.A151, GW.22.5151 <b>TE Connectivity:</b> 2195630-1, 2195772-1, 951-012-003
Screw-Mount	Abrakon EAD Taoglas TE Connectivity	<b>Abrakon:</b> AEACBK050048-SW2 <b>EAD:</b> FCPW35168-SM, FCPD35227-SM-SM <b>Taoglas:</b> WS.02.B.205111, MA515.C.CG.001 <b>TE Connectivity:</b> 951-001-001, 951-001-002
Adhesive-Mount	Taoglas TE Connectivity	<b>Taoglas:</b> WSA.2458.A.101151, WSA.2400.A.101151 <b>TE Connectivity:</b> CAT-W743-T673, 951-002-001
Wall/Pole Mount	EAD Taoglas	<b>EAD:</b> WCO-2400-WMB <b>Taoglas:</b> OMB.242.08F21
<b>ISM/LORA/SIGFOX</b>		
Terminal/Whip	Abrakon EAD Taoglas	<b>Abrakon:</b> AEACAC053010-S433, AEACAC254010-S169, AEACAQ190012-S868/915 <b>EAD:</b> FHWD35316-SM-ST, H169-SMA, FBKR35301-RS-KR <b>Taoglas:</b> TI.10.0112, TI.08.A.0111, TI.92.2113
Screw-Mount	EAD Taoglas TE Connectivity	<b>EAD:</b> FBTN35370-SM <b>Taoglas:</b> IS.05.B.301111, IS.04.B.301111, IS.01.B.305111 <b>TE Connectivity:</b> 2363697-1
Adhesive-Mount	Taoglas TE Connectivity	<b>Taoglas:</b> ISA.05.A.033822, ISA.06.A.301111 <b>TE Connectivity:</b> 2363699-2
Wall/Pole Mount	EAD Taoglas TE Connectivity	<b>EAD:</b> WCO-433-WMB, WMO-169-WMB, WMO8685, WMO86916-SM <b>Taoglas:</b> OMB.868.B12F21, OMB.915.B08F21, OMB.433.B06F21 <b>TE Connectivity:</b> 2363698-1, 2363698-2
<b>GNSS</b>		
Terminal/Whip	EAD Taoglas	<b>EAD:</b> FGPS35216-SM-RA <b>Taoglas:</b> TG.08.0113, TG.08.0723
Magnetic-Mount	Abrakon EAD Taoglas TE Connectivity	<b>Abrakon:</b> AEACBD045015-SG2, APAMPG-130 <b>EAD:</b> MP-RTK, FGPX35246-SM <b>Taoglas:</b> AA.175.301111, AA.162.301111 <b>TE Connectivity:</b> GNSS-9M
Screw-Mount	Abrakon EAD Taoglas TE Connectivity	<b>Abrakon:</b> AEACBK050048-C2LG, AEAGMK148060-S1575 <b>EAD:</b> FCLG35311-SMSM <b>Taoglas:</b> A.90.A.101111, A.30.A.301111 <b>TE Connectivity:</b> TGN-3847-RD-S, IGN-1620-LP-S
Adhesive-Mount	Abrakon EAD Taoglas TE Connectivity	<b>Abrakon:</b> APAMPG-117, APAMP-116 <b>EAD:</b> FGPX35135-SM <b>Taoglas:</b> AA.108.301111 <b>TE Connectivity:</b> GPS-10P
Wall/Pole Mount	EAD Taoglas	<b>EAD:</b> HIGAIN-RTK <b>Taoglas:</b> MA950.A.LBICG.005
<b>UWB (ULTRA-WIDEBAND)</b>		
Adhesive-Mount	Taoglas	<b>Taoglas:</b> PCUWB01.01.0500G
Wall/Pole Mount	Taoglas	<b>Taoglas:</b> PHA.01.A
<b>SATELLITE COMMUNICATIONS</b>		
Magnetic-Mount	Abrakon Taoglas TE Connectivity	<b>Abrakon:</b> AEARBD040038-S1621, AEACBD045015-S2332 <b>Taoglas:</b> IAA.01.121111 <b>TE Connectivity:</b> IRD LP M
Screw-Mount	Taoglas TE Connectivity	<b>Taoglas:</b> MA602.A.ABJ.002, MA410.A.LBIJ.001 <b>TE Connectivity:</b> IRD LP S, IGN 1620 LP S
Wall/Pole Mount	Taoglas	<b>Taoglas:</b> IMA.01.105111