

ANTENNA SELECTOR GUIDE

Internal Antennas

ANTENNA TYPE	SUPPLIERS	PRODUCTS
CELLULAR (5G/LTE/3G)		
Chip	Abracon AVX Taoglas	Abracon: ACAR3705-S698, ACAR4008-S698 AVX: 1004795, P822601 Taoglas: PA.740.A, MCS6.A
Flexible PCB (FPC)	Abracon AVX Taoglas	Abracon: AFAC240020-M698, AFAC5867-S698 AVX: 1002289 Taoglas: MFX3.07, FXUB66
BLUETOOTH/WIFI/ZIGBEE		
Chip	Abracon AVX Taoglas	Abracon: ACAG0201-2450-T, ACAG0301-24505500-T AVX: M310220, M830520 Taoglas: WLA.01, SDWA.01
Flexible PCB (FPC)	Abracon AVX Taoglas	Abracon: AFAG2220-SW2 AVX: 1001932FT Taoglas: FXP.830, FXP.75
Patch (Active, Passive)	Abracon Taoglas	Abracon: APARC2505-S2450, APAKN2504-S2448-T Taoglas: WLP.2450.25, WDP.2458.25
ISM/LORA/SIGFOX		
Chip	Abracon AVX Taoglas	Abracon: ACAJ-110-T, ACAG1204-433-T AVX: M620720 Taoglas: ILA.08, ILA.09
Flexible PCB (FPC)	Taoglas	Taoglas: FXP.280, FXP290
Patch (Active, Passive)	Abracon Taoglas	Abracon: APAE915R2540ABDB1-T, APAE868R2540JBDB2-T Taoglas: ISPC.91A, ISPC.86A
GNSS		
Chip	Abracon AVX Taoglas	Abracon: ACAR0301-SG3, ACAG0301-1575-T AVX: M830120 Taoglas: GGBLA.125.A
Flexible PCB (FPC)	Abracon Taoglas	Abracon: AFAG4330-SG3 Taoglas: FXP611.07, FXP612.07
Patch (Active, Passive)	Abracon AVX Taoglas	Abracon: APARC2504A-SG3, APARM2508S-SGL2L5 AVX: 1004259, 1004322 Taoglas: AGGBP.35F, CGGBP.18.4.A.02, GGBTP.35.3.A.40
UWB (ULTRA-WIDEBAND)		
Chip	Taoglas	Taoglas: UWC.20, UWC.40, UWCCP.01
Flexible PCB (FPC)	AVX Taoglas	AVX: 1005190F0, 1005188F0 Taoglas: FXUWB01.07.0100C, FXUWB10.01.0100C
SATELLITE COMMUNICATIONS		
Patch (Active, Passive)	Abracon Taoglas	Abracon: APAE1621R2540ABDD1, APAE2338L2540DDDB1-T, APARM2504-C2GR Taoglas: SP.1615.25, SXP.25, SDDCP.5900.25.10

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External Antennas

ANTENNA TYPE	SUPPLIERS	PRODUCTS
CELLULAR (5G/LTE/3G)		
Terminal/Whip	Abracon EAD Taoglas TE Connectivity	Abracon: AEACAC198013-S698, APAMPSLJ-140 EAD: FLTS35367-SM-ST, FPTR35235-SM-KR Taoglas: TG.55.8113, TG.45.8113 TE Connectivity: 951-012-001
Magnetic-Mount	Abracon EAD Taoglas TE Connectivity	Abracon: AEACAD460065-S698, AEACAD097015-S698 EAD: MIMO-MAG-SMSM, MP-2L-SMSM Taoglas: GA.111.101111, MB.TG30.A.305111 TE Connectivity: 955-006-002
Screw-Mount	Abracon EAD Taoglas TE Connectivity	Abracon: AEACBK081014-M698, AEACBK110053-MLWG EAD: FBTN35369-SM-1K, FCMO35303-SMSM-1K Taoglas: TLS.01, G30 TE Connectivity: 955-181-001, 951-018-001
Adhesive-Mount	Abracon Taoglas TE Connectivity	Abracon: AEACBA081014-M698 Taoglas: GSA.8827, MA241.BI.001 TE Connectivity: 602-335-002, 602-317-003
Wall/Pole Mount	EAD Taoglas TE Connectivity	EAD: FGO-5M195-SM, LMO7270-WB-SMSM Taoglas: OMB.6912.03F21, LWB02.A.505111 TE Connectivity: 602-458-002, 602-456-001
BLUETOOTH/WIFI/ZIGBEE		
Terminal/Whip	Abracon EAD Taoglas TE Connectivity	Abracon: APAMS-121, AEACAQ190012-S2400 EAD: FBTS35024-SM-RA, FBTR35160-SM-KR Taoglas: GW.48.A151, GW.22.5151 TE Connectivity: 951-012-003
Screw-Mount	Abracon EAD Taoglas TE Connectivity	Abracon: AEACBK050048-SW2 EAD: FCPW35168-SM, FCPD35227-SM-SM Taoglas: WS.02.B.205111, MA515.C.CG.001 TE Connectivity: 951-001-001, 920-315-002
Adhesive-Mount	Taoglas TE Connectivity	Taoglas: WSA.2458.A.101151, WSA.2400.A.101151 TE Connectivity: 951-002-006, 951-002-001
Wall/Pole Mount	EAD Taoglas	EAD: WCO-2400-WMB Taoglas: OMB.242.08F21
ISM/LORA/SIGFOX		
Terminal/Whip	Abracon EAD Taoglas	Abracon: AEACAC053010-S433, AEACAC254010-S169, AEACAQ190012-S868/915 EAD: FHWD35316-SM-ST, H169-SMA, FBKR35301-RS-KR Taoglas: TI.10.0112, TI.08.A.0111, TI.92.2113
Screw-Mount	EAD Taoglas	EAD: FBTN35370-SM Taoglas: IS.05.B.301111, IS.04.B.301111, IS.01.B.305111
Adhesive-Mount	Taoglas	Taoglas: ISA.05.A.033822, ISA.06.A.301111
Wall/Pole Mount	EAD Taoglas	EAD: WCO-433-WMB, WMO-169-WMB, WMO8685, WMO86916-SM Taoglas: OMB.868.B12F21, OMB.915.B08F21, OMB.433.B06F21
GNSS		
Terminal/Whip	EAD Taoglas	EAD: FGPS35216-SM-RA Taoglas: TG.08.0113, TG.08.0723
Magnetic-Mount	Abracon EAD Taoglas TE Connectivity	Abracon: AEACBD045015-SG2, APAMPG-130 EAD: MP-RTK, FGFX35246-SM Taoglas: AA.175.301111, AA.162.301111 TE Connectivity: 602-439-001
Screw-Mount	Abracon EAD Taoglas TE Connectivity	Abracon: AEACBK050048-C2LG, AEAGMK148060-S1575 EAD: FCLG35311-SMSM Taoglas: A.90.A.101111, A.30.A.301111 TE Connectivity: 602-442-003, 956-310-301
Adhesive-Mount	Abracon EAD Taoglas TE Connectivity	Abracon: APAMPG-117, APAMP-116 EAD: FGFX35135-SM Taoglas: AA.108.301111 TE Connectivity: 602-431-001
Wall/Pole Mount	EAD Taoglas	EAD: HIGAIN-RTK Taoglas: MA950.A.LBICG.005
UWB (ULTRA-WIDEBAND)		
Adhesive-Mount	Taoglas	Taoglas: PCUWB01.01.0500G
Wall/Pole Mount	Taoglas	Taoglas: PHA.01.A
SATELLITE COMMUNICATIONS		
Magnetic-Mount	Abracon Taoglas TE Connectivity	Abracon: AEARBD040038-S1621, AEACBD045015-S2332 Taoglas: IAA.01.121111 TE Connectivity: IRD LP M
Screw-Mount	Taoglas TE Connectivity	Taoglas: MA602.A.ABJ.002, MA410.A.LBIJ.001 TE Connectivity: IRD LP S, IGN 1620 LP S
Wall/Pole Mount	Taoglas	Taoglas: IMA.01.105111