

Antenna list - Communication system compatible

Product	Unit	JSW0508	JUL0810			JUM2400	JUM2400 JUD2452/2458	JUM2400 JUD2452/2458	JUM2036	JUH4860
Application	-	Digital terrestrial broadcasting	RF-ID EU JAP USA			CDMA	Blue Tooth Wi-Fi ZigBee	WiMAX	LTE ADV	Wi-Fi 2400/ 5200-5800
Frequency Range	MHz	470~880	850~960			1800~3200	2200~3200	2200~3200	3000~4200	2400/5.2~5.8G
Impedance	Ω	50	50			50	50	50	50	50
Polarization	-	Linear	Linear			Linear	Linear	Linear	Linear	Linear
Directional	-	Omni-directional	Omni-directional			Omni-directional	Omni-directional	Omni-directional	Omni-directional	Omni-directional
Gain	dBi	$\geq +3.0$	$\geq +3.0$			$\geq +3.0$	$\geq +3.0$	$\geq +3.0$	$\geq +3.0$	$\geq +3.0$
VSWR	-	≤ 2.0	≤ 2.0			≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0
Connector Type	-	SMA-J	U_FL/I-PEX			U_FL/I-PEX	U_FL/I-PEX	U_FL/I-PEX	U_FL/I-PEX	U_FL/I-PEX
Temperature	$^{\circ}\text{C}$	-20~+60	-20~+60			-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Humidity	%	10-85	10-85			10-85	10-85	10-85	10-85	10-85
(-5 $^{\circ}\text{C}$ with no dew condensation)		-								
Dimensions	mm	115 x 200 x 1	150 x 30 x 1	130 x 15 x 1	100 x 15 x 1	10 x 60 x 1	10 x 60 x 1	10 x 60 x 1	10 x 60 x 1	10 x 60 x 1
Materials		FR-4	FR-4			FR-4	FR-4	FR-4	FR-4	FR-4
Weight	g	55	8	4	3	1	1	1	1	-

Product	Unit	JSW0360_Log (※:JSW0310G)	JSW0560 JSW0510G	JSW0760T (JUW0760T)	JUH3046PD2	JUH3048 Bidirectional ANT (Relay station)	JUH3642CP	JUH3643CP	-	JUH3442PO
Application	-	Directional ANT Log-pely (10G)	Omni-directional ANT Digital terrestrial broadcasting (W) (10G)	Table ANT	Local 5G 2EL/5EL	Local 5G Relay station Directional ANT (under development)	Local 5G (6G) Circular Polarization ANT Directional ANT 2 x 2	Local 5G(or 6G) Circular Polarization ANT Directional ANT 4 x 4	5G: 28GHz (under development)	Local 5G Omni-directional ANT 3600~4100
Frequency Range	MHz	330~6000	470~6000	700~6000	3000~4600	3000~4600	3000~4600	3000~4600	28G	3600~4200
Impedance	Ω	50	50	50	50	50	50	50	50	50
Polarization	-	Linear	Linear	Linear	Linear	Linear	Circularly	Circularly	Linear	Linear
Directional	-	Omni-directional	Omni-directional	Omni-directional	Directional	Directional	Directional	Directional	Directional	Omni-directional
Gain	dBi	$\geq +3.0$	$\geq +3.0$	$\geq +3.0$	$\geq +6.0$	$\geq +6.0$	$\geq +10$	$\geq +10$	-	$\geq +3.0$
VSWR	-	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0	≤ 2.0
Connector Type	-	SMA-J	SMA-J	SMA-J/I-PEX	I-PEX/SMA	I-PEX/SMA	I-PEX/SMA-J	I-PEX/SMA-J	-	U_FL/I-PEX
Temperature	$^{\circ}\text{C}$	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60	-20~+60
Humidity	%	10-85	10-85	10-85	10-85	10-85	10-85	10-85	10-85	10-85
(-5 $^{\circ}\text{C}$ with no dew condensation)		-								
Dimensions	mm	35 x 30 x 1.5	115 x 200 x 1	60 x 113 x 1	60 x 70 x 1	300 x 70 x 1	120 x 80 x 10	120 x 170 x 10	-	10 x 50 x 1
Materials		FR-4	FR-4	FR-4	FR-4	FR-4	FR-4	FR-4	-	FR-4
Weight	g	200	55	95	9	-	16	32	-	1