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MAGNETIC MOUNT Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

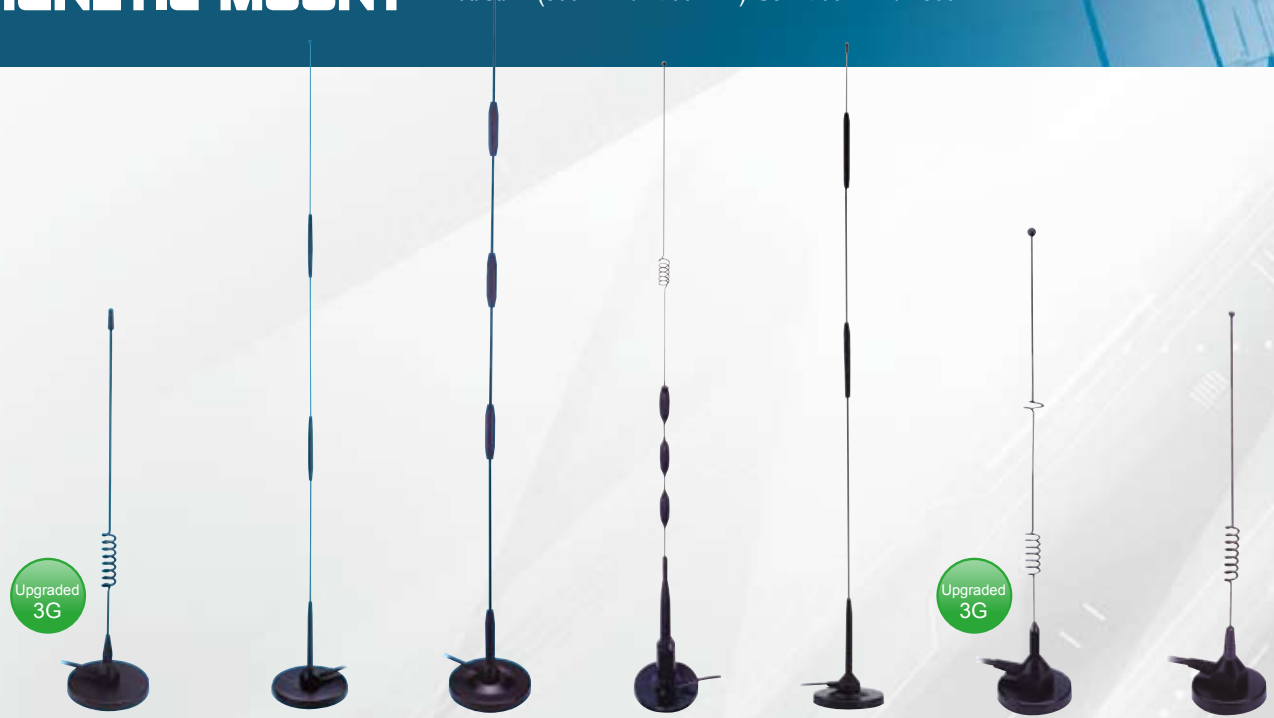
GSM

B-077

MODEL	TC-1301	TC-1302	TC-1303	TC-1307	TC-1308	TC-1316	TC-1312
Frequency	900/1800/1900MHZ	450/824-960MHZ	824-960/1800/1900MHZ	824-960MHZ	824-960MHZ	850/1800/1900MHZ	824-896/1900MHZ
Gain	7dB	5dB	3dB	7dB	5dB	5dB	5dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG58	RG58	RG58	RG58	RG58	RG58	RG58
Length	43cm	35cm	30cm	66cm	35cm	28cm	30cm

MAGNETIC MOUNT

Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz



GSM

MODEL	TC-1304	TC-1309	TC-1311	TC-1313	TC-1311N	TC-1314	TC-1305
Frequency	824-960/1800/1900MHZ	824-960MHZ	824-960MHZ	824-960MHZ	824-960/1800MHZ	900/1800/1900MHZ	824-960MHZ
Gain	3dB	9dB	11dB	13dB	13dB	3dB	3dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG58	RG58	RG58	RG58	RG58	RG174	RG58
Length	32cm	98cm	136cm	90cm	96cm	31cm	32cm

MAGNETIC MOUNT Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

GSM

B-048

MODEL	TC-1315	TC-1322A	TC-1306	TC-7308D	TC-7309	TC-7308EU-0	TC-7308EU-3
Frequency	824-960/1900MHZ	900/1800/1900MHZ	900/1800MHZ	900/1800MHZ	1800/1900MHZ	824-960/1900MHZ	824-960MHZ
Gain	3dB	5dB	3dB	3dB	0dB	0dB	3dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME,TNC	FAKRA	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG58	LMR195	RG58	RG174	RG174	RG174	RG174

MINI MAGNETIC

Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

Base-022B

GSM

MODEL	TC-101EUN-0	TC-101EUN-3	TC-102	TC-103-0	TC-103-3	TC-107	TC-108
Frequency	900/1800/1900MHZ	824-960MHZ	900/1800/1900MHZ	1800MHZ	1800MHZ	900/1800/1900MHZ	900/1800MHZ
Gain	0dB	4dB	3dB	0dB	3dB	3dB	0dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG174	RG174	RG174	RG174	RG174	RG174	RG174

MINI MAGNETIC Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

GSM

Base-022B

MODEL	TC-109	TC-110	TC-111	TC-112	TC-113	TC-127
Frequency	900/1800/1900MHZ	824-960/1800/1900MHZ	900/1800/1900MHZ	450/800/900MHZ	900/1800MHZ	900/1800/1900/2100MHZ
Gain	3dB	5dB	5dB	3dB	3dB	3dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG174	RG174	RG174	RG174	RG174	RG174

PATCH Multiband / UMTS / Quad Band (800MHz / 1900MHz / 2200 MHz)

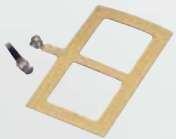
MODEL	TC-8811	TC-8812	TC-8807	TC-8813	TC-8814
Frequency	900/1800MHZ	900/1800MHZ	900/1800MHZ	900/1800MHZ	900/1800/1900MHZ
Gain	3dB	3dB	3dB	3dB	3dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG58	RG58	RG174	RG174	RG174

MODEL	TC-8819	TC-8820	TC-8821	TC-8822	TC-8823
Frequency	900/1800/2200MHZ	900/1800/2200MHZ	900/1800/2200MHZ	900/1800/2200MHZ	900/1800/2200MHZ
Gain	3dB	3dB	3dB	2.15dB	2.15dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC, SMA	FME, Mini-UHF, TNC, SMA	FME, Mini-UHF, TNC, SMA	FME, Mini-UHF, TNC, SMA	FME, Mini-UHF, TNC, SMA
Cable	RG174	RG174	RG174	RG174	RG174

PATCH Multiband / UMTS / Quad Band (800MHz / 1900MHz / 2200 MHz)

GSM

MODEL	TC-8825	TC-8826	TC-8828	TC-8808	TC-8809
Frequency	900/1800/2200MHZ	900/1800/2200MHZ	900/1800/2200MHZ	900/1800MHZ	900/1800MHZ
Gain	2.15dB	3dB	3dB	3dB	3dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC, SMA	SMA	FME	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG174	RG174	RG174	RG174	RG174



MODEL	TC-8810	TC-8815	TC-8816	TC-8817	TC-8818
Frequency	900/1800/1900MHZ	900/1800/1900/2200MHZ	900/1800MHZ	900/1800MHZ	900/1800/1900MHZ
Gain	3dB	3dB	3dB	3dB	5dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG174	RG174	RG174	RG174	RG174

CAR ROOF MOUNT

Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

GSM

MODEL	TC-200	TC-201	TC-202	TC-202N	TC-203	TC-204	TC-206
Frequency	900/1800MHZ	824-960MHZ	824-960MHZ	824-960MHZ	450MHZ	900/1800MHZ	AM/FM
Gain	5dB	3dB	0dB	0dB	0dB	5dB	5dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG58 or RG174	RG58	RG58	RG58 or RG174	RG58	RG58	RG174

CAR ROOF MOUNT

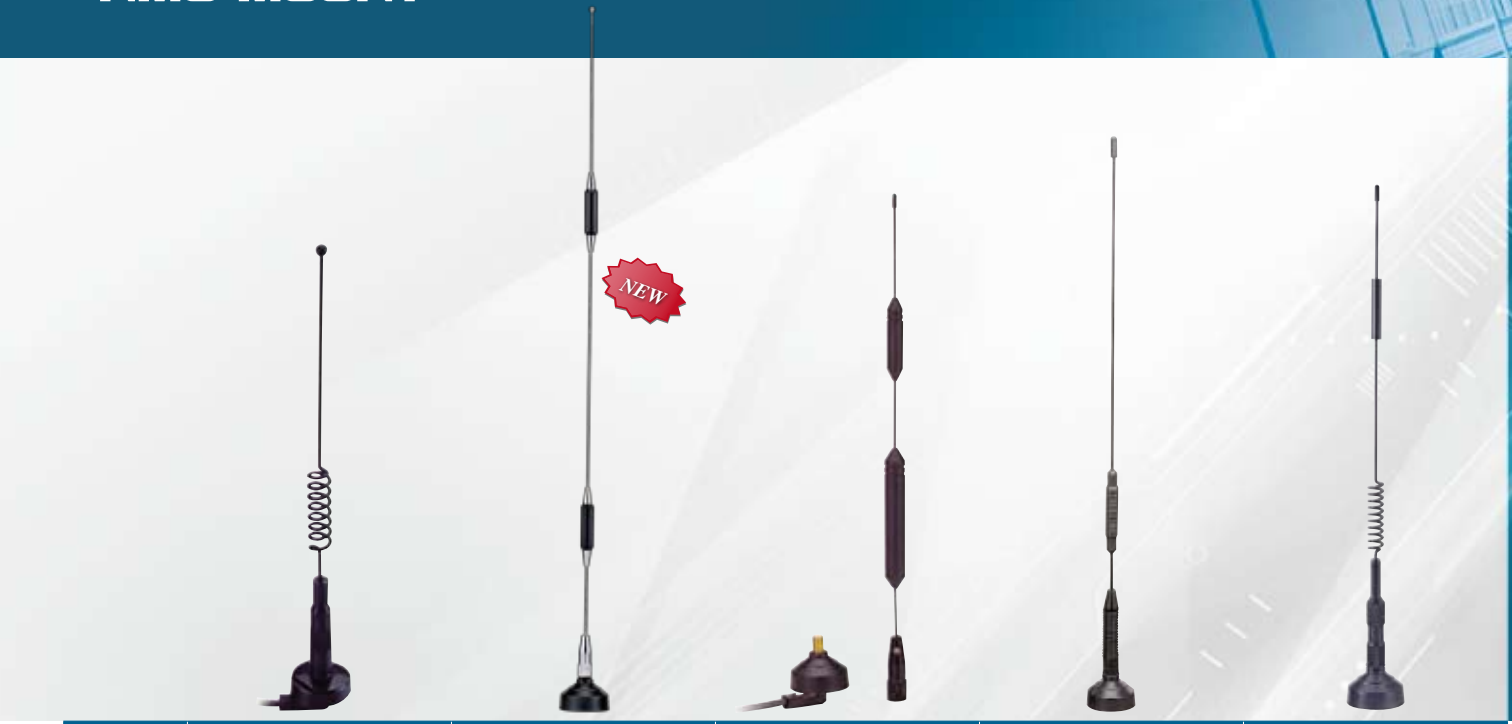
Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

GSM

MODEL	TC-207	TC-208	TC-209	TC-21	TC-503	TC-504	TC-505	TC-506
Frequency	900/1800MHZ	824~960MHZ	824~960MHZ	900/1800/1900MHZ	824-960MHZ	477/824-960MHZ	824-960MHZ	824-960MHZ
Gain	3dB	7dB	9dB	3dB	5~7dB	7dB	7dB	9dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG58	RG58	RG58	RG58	RG58	RG58	RG58	RG58

NMO MOUNT

Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz



GSM

MODEL	TC-210	TC-211	TC-212	TC-213N	TC-218NMO
Frequency	824-896MHZ	806-896MHZ	800/1900MHZ	824~896MHZ	900/1800/1900MHZ
Gain	3dB	5dB	5dB	5dB	5dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG58	RG58	RG58	RG58	RG58

ON-GLASS Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

GSM

MODEL	TC-8800	TC-6303	TC-6308	TC-6310	TC-6300	TC-6311	TC-6317
Frequency	824-960MHZ	824-960/1900MHZ	824-960MHZ	900/1800/1900MHZ	900/1800/1900MHZ	900/1800/1900MHZ	824-960/1800/1900MHZ
Gain	3dB	5dB	5dB	3dB	3dB	5dB	5dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	--	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	--	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	--	RG58	RG58	RG58	RG58	RG58	RG58

ON-GLASS Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

GSM

MODEL	TC-6301	TC-6305	TC-6306	TC-6309	TC-8802	TC-8802-0	TC-8802-5
Frequency	824-960MHZ	824-960MHZ	824-960MHZ	900/1800/1900MHZ	824-960MHZ	824-960/1800MHZ	824-960MHZ
Gain	3dB	5dB	5dB	0dB	3dB	0dB	5dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	--	--	--
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	--	--	--
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	--	--	--
Cable	RG58	RG58	RG58	RG58	--	--	--

WINDOW CLIP Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

GSM

MODEL	TC-309SMA	TC-8805	TC-301D	TC-301ND	TC-302D	TC-303
Frequency	900/1800/2200MHZ	824-960/1800MHZ	900/1800MHZ	900/1800MHZ	900/1800MHZ	824-960MHZ
Gain	3dB	3dB	3dB	3dB	3dB	5dB
V.S.W.R.	<1.5:1	--	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	SMA	--	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FFME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG174	--	RG174	RG174	RG174	RG174

WINDOW CLIP Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

GSM

MODEL	TC-304	TC-8804	TC-306	TC-306-0	TC-306-5
Frequency	900/1800MHZ	900/1800MHZ	900/1800MHZ	900/1800/1900MHZ	900/1800/1900MHZ
Gain	0dB	3dB	3dB	3dB	5dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC	--	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG174	--	RG174	RG174	RG174

WALL MOUNT

Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

GSM

MODEL	TC-9403	TC-9404	TC-9405	TC-9406	TC-9409
Frequency	900/1800MHZ	824~960MHZ	900/1800MHZ	824~960MHZ	900/1800/2200MHZ
Gain	5dB	7dB	3dB	9dB	3dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	SMA, FAKRA
Cable	RG58	RG58	RG174	RG58	RG316

PORTABLE/TRUCK/MARINE/BASE STATION

Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

GSM

MODEL	TC-7317	TC-7306	TC-7307	TC-7305	TC-7315	TC-502	TC-901NF	TC-9401	TC-902NF
Antennas Type	Portable	Portable	Portable	Portable	Portable	Truck	Marine Antenna	Marine	Base Station Antenna
Frequency	900/1800/ 1900MHZ	800/900MHZ	800/900MHZ	900/1800/ 1900MHZ	900/1800/ 1900MHZ	824/960/ 1900MHZ	800/900/1800/ 1900MHZ	800/900MHZ	800/900/ 1800MHZ
Gain	2.5dB	2dB	3dB	3dB	3dB	5dB	9dB	5dB	9dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	SMA/Male R/A	SMA/Female	TNC/Male	FME,SMA	FME,SMA	FME, Mini-UHF,TNC	N/F	FME, Mini-UHF,TNC	N/F
Cable	--	--	--	--	--	RG58	--	RG58	--

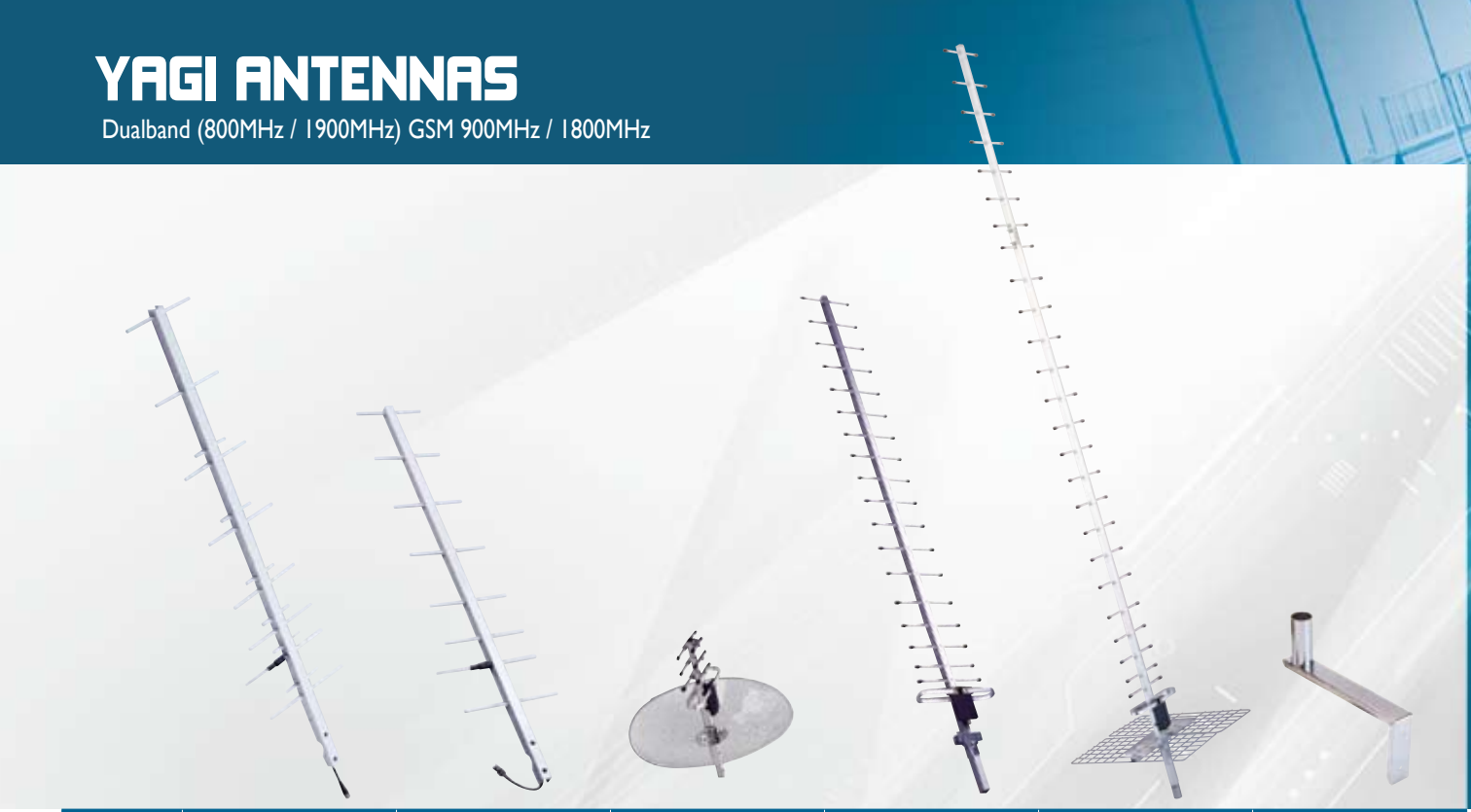
YAGI ANTENNAS Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

GSM

MODEL	YAGI-01	YAGI-02	YAGI-03	YAGI-04	YAGI-04MI	YAGI-07	YAGI-08
Frequency	824-960MHZ	824-960/1710-1880MHZ	824-960MHZ	860-960MHZ	900/1800MHZ	1200MHZ	824-960MHZ
Gain	14dB	24dB	14dB	11dB	9dB	14.5dB	4.5dB
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC
Cable	RG58	RG58	RG58	RG58	RG58	--	RG58

YAGI ANTENNAS

Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz



GSM

MODEL	YAGI-09	YAGI-10	YAGI-12DH	YAGI-36	YAGI-190	BCY-YAGI02E5
Frequency	824-960/1800/1900MHZ	824~896MHZ	824-960/1710-1880MHZ	824~960/1800/1900MHZ	900-928MHZ	Yagi Holder
Gain	14dB	12dB	15dB	28dB	18dBi (Typical)	
V.S.W.R.	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	
Connector	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME, Mini-UHF, TNC	FME/Female	
Cable	RG58	RG58	RG58	RG58	RG142	

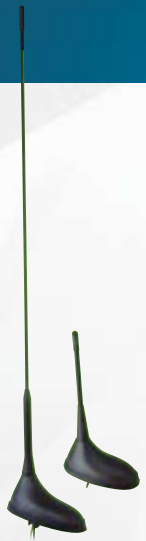
GPS ANTENNAS

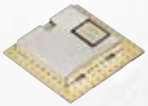
GPS

MODEL	XM-SRA-11	GPS RECEIVER	GPS-01	GPS-05	GPS-06	GPS-08
Frequency	2338.75MHZ	1575.42MHZ	1575.42MHZ	1575.42MHZ	1575.42MHZ	1575.42MHZ
Gain	2dBi	5dBi	2dBi	2dBi	2dBi	2dBi
V.S.W.R.	<2.0:1	<1.5:1	<2.0:1	<2.0:1	<1.5:1	<2.0:1
Impedance	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm
Amplification	60mA	27dB	27dB	27dB	25dB	27dB
Noise Figure	1.5dB	1.5dB	1.6dB	1.6dB	1.5dB	1.6dB
Voltage supply	3.6.....5.5V	3.3.....5V	4.5.....5V	4.5.....5V	3.0.....5V	3.0.....5V
Current Consumption	Max. 60mA	Max. 27mA	Max. 30mA	Max. 25mA	Max. 25mA	Max. 27mA
Operation Temperature	-40°C ~ + 85°C	-30°C ~ + 80°C	-30°C ~ + 80°C	-30°C ~ + 80°C	-30°C ~ + 80°C	-30°C ~ + 80°C
Cable	RG-174A/U	RG-174A/U	RG-174A/U	RG-174A/U	RG-174A/U	RG-174A/U
Connector	MMCX, MCX, SMA, SMB, BNC, TNC	USB	MMCX, MCX, SMA, SMB, BNC, TNC	MMCX, MCX, SMA, SMB, BNC, TNC	MMCX, MCX, SMA, SMB, BNC, TNC	MMCX, MCX, SMA, SMB, BNC, TNC

GPS ANTENNAS

MINI-GPS





MODEL	GPS-20	GPS-215	GPU-6	BXE-01SMA3D1	CERAMIC PATCH
Frequency	1575.42MHZ	1575.42MHZ	83-87/380-430/1575.42/ 890-960/1710-1880MHZ	1575.42MHZ	1575.42MHZ
Gain	2dBi	2dBi	2dBi	2dBi	2dBi
V.S.W.R.	<2.0:1	<1.5:1	<1.5:1	<2.0:1	<2.0:1
Impedance	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm
Amplification	27dB	27dB	26dB	--	Polarization: RHCP
Noise Figure	1.6dB	1.6dB	1.5dB	1.6dB	Sige: 25x25x4mm
Voltage supply	2.5.....5.5V	3.0.....5V	3.0.....5V	3.0.....5V	18.5x18.5x4mm
Current Consumption	Max. 1.5mA	Max. 27mA	Max. 20mA	Max. 27mA	15x15x4mm
Operation Temperature	-30°C ~ + 80°C	-30°C ~ + 80°C	-30°C ~ + 80°C	-30°C ~ + 80°C	
Cable	RG-174A/U	RG-174A/U	RG-174A/U	--	
Connector	SMA	SMA	SMA/FME/SMB	--	

GPS+GSM ANTENNAS

GPS

MODEL	GPM-8	GPM-9	GPM-10	GPM-11	GPM-12	GPM-22	GPM-23
Frequency	824-960/1710-1990/1575.42	900/1800/1575.42	900/1800/1575.42	900/1800/1575.42	900/1800/1575.42	900/1800/1575.42	900/1800/1575.42/2400MHz
Gain	2dBi	2dBi	2.5dBi	2dBi	2.5dBi	2.5dBi	2dBi
V.S.W.R.	<1.5:1	<1.5:1	<2.0:1	<1.5:1	<2.0:1	<2.0:1	<2.0:1
Impedance	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm	50 Ohm
Polarization	R.H.C.P	R.H.C.P	R.H.C.P	R.H.C.P	R.H.C.P	R.H.C.P	R.H.C.P
Amplification	27dB	27dB	27dB	25dB	27dB	27dB	27dB
Noise Figure	1.5dB	1.5dB	1.5dB	1.5dB	1.5dB	1.5dB	1.5dB
Voltage supply	3.3.....5V	3.3.....5V	3.3.....5V	3.0.....5V	3.3.....5V	3.3.....5V	3.0.....5V
Current Consumption	Max. 27mA	Max. 27mA	Max. 27mA	Max. 27mA	Max. 27mA	Max. 27mA	Max. 27mA
Operation Temperature	-30°C ~ + 80°C	-30°C ~ + 80°C	-30°C ~ + 80°C	-30°C ~ + 80°C	-30°C ~ + 80°C	-30°C ~ + 80°C	-30°C ~ + 80°C
Cable	RG-174A/U	RG-174A/U	RG-174A/U	RG-174A/U	RG-174A/U	RG-174A/U	RG-174A/U
Connector	MMCX, MCX, SMA, SMB, BNC, TNC, FME	MMCX, MCX, SMA, SMB, BNC, TNC, FME	MMCX, MCX, SMA, SMB, BNC, TNC, FME	MMCX, MCX, SMA, SMB, BNC, TNC, FME	MMCX, MCX, SMA, SMB, BNC, TNC, FME	MMCX, MCX, SMA, SMB, BNC, TNC, FME	MMCX, MCX, SMA, SMB, BNC, TNC, FME

RFID ANTENNAS

PANEL ANTENNA FOR RFID

RFID

MODEL	PANEL-03G		
Frequency	890~930MHz	Redome Material	ABS Polymer
Gain	10dBi	Color	Gray
V.S.W.R.	<1.5:1	Temperature	- 40°C~ + 80°C
Impedance	50 ohm	Dimensions	39x38x5cm
Polarization	Vertical	Weight	2.3kg
Connector	N/Female	Wind Load	60km/h

Application

- Wireless
- GSM
- RFID
- SCADA
- Wireless Viedo Links
- 900 Mhz Cellular

WIRELESS LAN-2.4GHz

WLAN2.4GHz

MODEL	WG-WLO-M22A	WG-WLO-M22	WG-WLO-M79	WG-UND-WLT309	WG-WLD-7318RSM/F	WG-UND-DP08	WG-UND-DP309	WG-WLP-833SMA
Antennas Type	MAGNETIC Antennas	MAGNETIC Antennas	MAGNETIC Antennas	LAPTOP CLIP Antennas	DIPOLE Antennas	DIPOLE Antennas	DIPOLE Antennas	PATCH Antennas
Frequency	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4/5.8 GHz	2.4 ~ 2.5 GHz	2.4 /3.5/5.8 GHz	2.4 /5.8 GHz	2.4 ~2.5 GHz
Gain	7 dBi	2 dBi	5 dBi	2.15 dBi	3.5dBi	3.5dBi	2.5dBi	2.5dBi
V.S.W.R.	<2.0: 1	<2.0: 1	<2.0: 1	<2.0: 1	<2.0:1	<2.0:1	<2.0:1	<2.0:1
Polarization	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	--
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Electrical Wave	1/2λ Dipole	1/2λ Dipole	1/2λ Dipole	--	--	--	--	--
Connectors	MC card, RP TNC, RP SMA,SMA , MMCX, BNC, TNC, MCX	MC card, RP TNC, RP SMA,SMA , MMCX, BNC, TNC, MCX	MC card, RP TNC, RP SMA, SMA , MMCX, BNC, TNC, MCX	MMCX	RP SMA	RP SMA R/A	SMA Plug or RP Plug	SMA Male

WIRELESS LAN-2.4GHz

MODEL	WG-WLP-815	WG-WLP-8813	WG-WLP-8815	XG-WD-19SRF	XG-WD-09SRF	XG-WD-06SMV	WG-WLP-001
Antennas Type	PATCH Antennas	PATCH Antennas	PATCH Antennas	DIPOLE Antennas	DIPOLE Antennas	DIPOLE Antennas	Wall Mount Antennas
Frequency	2.4 ~2.5 GHz	2.4 ~2.5 GHz	2.4 ~2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz
Gain	3 dBi	3 dBi	3 dBi	5 dBi	1.9 dBi	1.9 dBi	5dBi
V.S.W.R.	<2.0:1	<2.0:1	<2.0:1	<2.0: 1	<2.0: 1	<2.0: 1	<2.0:1
Polarization	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Electrical Wave	--	--	--	1/2λ Dipole	1/2λ Dipole	1/2λ Dipole	--
Connectors	MC card, RP TNC, RP SMA, SMA, MMCX, BNC, TNC, MCX	MC card, RP TNC, RP SMA, SMA, MMCX, BNC, TNC, MCX	MC card, RP TNC, RP SMA, SMA, MMCX, BNC, TNC, MCX	SMA, RP SMA	SMA, RP SMA	SMA, RP SMA	N Female

WIRELESS LAN-2.4GHz

WLAN 2.4GHz

MODEL	WG-PANEL- 01	WG-PANEL- 02	WG-PANEL- 03L	WG-PANEL- 05	WG-PANEL-15	WG-PANEL-66
Antennas Type	PANEL Antennas	PANEL Antennas	PANEL Antennas	PANEL Antennas	PANEL Antennas	SECTOR PANEL
Frequency	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz
Gain	9 dBi	12 dBi	18 dBi	18 dBi	12 dBi	14 dBi
V.S.W.R.	<2.0: 1	<2.0: 1	<2.0: 1	<2.0: 1	<2.0: 1	<2.0: 1
Polarization	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Input Power	20 W	20 W	150 W	150 W	100 W	100 W
Lightning prot.	DC ground	DC ground	DC ground	DC ground	DC ground	DC ground
Connectors	N Female	N Female	N Female	N Female	SMA Female	N Female
Weight	260g	410g	1.7 kgs	2.0 kgs	800 g	2.0 kgs
Mount	U-bolts	U-bolts	AC-PHOLD/EVA	AC-PHOLD/MT	AC-PHOLD/KIT	U-bolts

WIRELESS LAN-2.4GHz

WLAN 2.4GHz

MODEL	WG-PANEL-56LB	WG-DISH-01	YAGI-13NF	WG-WLY-AL06NF	WG-YAGI-05	WG-YAGI-05SNF	WG-GRID-06
Antennas Type	SECTOR PANEL	DISH Antenna	YAGI Antenna	YAGI Antenna	YAGI Antenna	YAGI Antenna	GRID Antennas
Frequency	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz
Gain	16 dBi	13 dBi	7 dBi	7 dBi	16 dBi	7 dBi	9 dBi
V.S.W.R.	<2.0: 1	<2.0: 1	<2.0: 1	<2.0: 1	<2.0: 1	<2.0: 1	<2.0: 1
Polarization	Vertical	Linear (V or H)	V (or) H	Horizontal	Horizontal	Horizontal	Horizontal
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Input Power	250 W	50 W	50 W	50 W	200 W	100 W	200 W
Lightning prot.	DC ground	DC ground	DC ground	DC ground	DC ground	DC ground	DC ground
Connectors	N Female	SMA Female	N Female	N Female	N Female	N Female	SMA Female
Weight	3.0 kgs	350 g	310 g	400 g	550 g	400 g	400 g
Mount	AC-PHOLD/FX	U-bolts	AC-PHOLD/UWB/EVA9	U-bolts	U-bolts	U-bolts	U-bolts

Wireless LAN-2.4GHz

WLAN 2.4GHz

MODEL	XG-GRID-08XNF	WG-OM-88SNF-1	WG-OM-88LNF-1	WG-OM-85NF-1	WG-OM-86NF-1	WG-WLT-502/NF
Antennas Type	GRID Antennas	OMNI Antenna	OMNI Antenna	OMNI Antenna	OMNI Antenna	Truck Antenna
Frequency	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz	2.4 ~ 2.5 GHz
Gain	24 dBi	8 dBi	12 dBi	15 dBi	12 dBi	7 dBi
V.S.W.R.	<2.0: 1	<2.0: 1	<2.0: 1	<2.0: 1	<2.0: 1	<1.5: 1
Polarization	--	Vertical	Vertical	Vertical	Vertical	Vertical
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Input Power	50 W	50 W	50 W	50 W	50 W	50 W
Lightning prot.	DC ground	DC ground	DC ground	DC ground	DC ground	DC ground
Connectors	N Female	N Female	N Female	N Female	N Female	N Female
Weight	5.0 kgs	400 g	750 g	1.75 kgs	1.12 kgs	270g
Mount	U-bolts	U-bolts	U-bolts	U-bolts	U-bolts	U-bolts

WIMAX Dualband (800MHz / 1900MHz) GSM 900MHz / 1800MHz

WIMAX

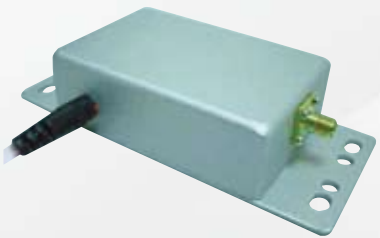
MODEL	XP-PANEL-325	XP-PANEL-366	XO-OM-355	XO-OM-250
Antennas Type	PANEL Antennas	SECTOR PANEL Antennas	OMNI Antenna	OMNI Antenna
Frequency	3.40~3.70 GHz	3.40~3.70 GHz	3.40~3.70 GHz	2.30~2.70 GHz
Gain	18 dBi	14 dBi	12 dBi	12 dBi
VSWR	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Polarization	Vertical	Vertical	Vertical	Vertical
Impedance	50 ohm	50 ohm	50 ohm	50 ohm
Connector	N/Female	N/Female	N/Female	N/Female
Radome Material	ABS Polymer	ABS Polymer	Fiberglass	Fiberglass
Color	Ivory	Light Gray	White	White
Temperature	-40°C ~ +80°C	-40°C ~ +80°C	-40°C ~ +80°C	-40°C ~ +80°C
Vertical Beamwidth	13 degree	85 degree	85 degree	8 degree
Horizontal Beamwidth	13 degree	17 degree	360 degree	360 degree
Length	--	--	800 mm	1060 mm
Weight	1.0 kg	2.0 kg	500 g	800 g
Dimensions	34x31x7 cm	60x17x8 cm	--	--
Wind Load	120 km/h	60 km/h	150 km/h	150 km/h

WIRELESSLAN-5.0GHZ

WLAN 5.0GHz

MODEL	UND-OM-82NF	UND-OM-89NF	UND-OM-98-NF	UWB-PANEL-523	UWB-PANEL-518	UWB-PANEL-516	UWB-SECOMI
Antennas Type	OMNI Antennas	OMNI Antennas	OMNI Antennas	PANEL Antennas	PANEL Antennas	PANEL Antennas	SECT+ OMNI Ant
Frequency	5.75~5.85 GHz	5.75~5.85 GHz	5.75~5.85GHz	5.10~5.90GHz	5.10~5.90GHz	5.10~5.90GHz	5.10~5.90Ghz
Gain	8 dBi	10 dBi	12dBi	23dBi	18dBi	16dBi	12~18dBi
VSWR	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1	<1.5:1
Polarization	Vertical	Vertical	Vertical	V (or) H	V (or) H	Vertical	Vertica
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Connector	N/Female	N/Female	N/Female	N/Female	N/Female	N/Female	N/Female
Radome Material	Fiberglass	Fiberglass	Fiberglass	ABS Polymer	ABS Polymer	ABS Polymer	--
Color	White	White	White	Gray	Gray	Light Gray	Light Gray
Temperature	- 40℃ ~ + 80℃	- 40℃ ~ + 80℃	- 40℃ ~ + 80℃	- 40℃ ~ + 80℃	- 40℃ ~ + 80℃	- 30℃ ~ + 60℃	-40℃ ~ + 80℃
Vertical Beamwidth	15 degree	10 degree	8 degree	11 degree	16 degree	18 degree	60-120 degree
Horizontal Beamwidth	360 degree	360 degree	360 degree	11 degree	16 degree	18 degree	10 degree
Length	350 mm	690 mm	750mm	39x38x5cm	28x28x7cm	22x20x3cm	--
Weight	170g	200g	300g	1.7kg	800g	410g	550mm
Wind Load	200 km/h	150 km/h	150 km/h	120 km/h	120 km/h	60 km/h	2000g

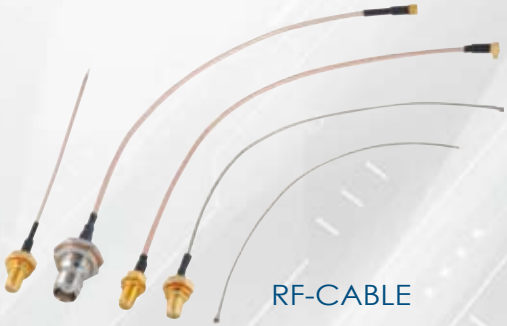
AMPLIFIERS



BDS-108

APR-108WB

AP-123



RF-CABLE

POLE MOUNT

AC-PHOLD/UWB/EVA9
PANEL HOLDER

AC-PHOLD/EVA
PANEL HOLDER

AC-PHOLD/FX
SECTOR PANEL HOLDER

AC-MHOLD/SUCTION
MINI HAG HOLDER

AC-PHOLD/MT
PANEL HOLDER

RF CONNECTORS

B-7301	B-7309	B-7801	B-7809	B-7804	B-7812	B-7816
N MALE CRIMP TYPE	N FEMALE CRIMP TYPE	SMA MALE CRIMP TYPE	SMA FEMALE CRIMP TYPE	RIGHT ANGLE SMA MALE CRIMP TYPE	SMA FEMALE BULKHEAD CRIMP	SMA DOUBLE MALE

B-7817	B-7823	B-7824	B-7819	B-7820	B-7833	B-7834
SMA DOUBLE FEMALE	SMA MALE TO N MALE	SMA MALE TO N FEMALE	SMA MALE TO BNC MALE	SMA MALE TO BNC FEMALE	SMA FEMALE TO N MALE	SMA FEMALE TO N FEMALE

B-7829	B-7835	B-7830	B-7836	B-9101S	B-9102M	HZ-FMFFRA02
SMA FEMALE TO BNC MALE	SMA FEMALE TO TNC MALE	SMA FEMALE TO BNC FEMALE	SMA FEMALE TO TNC FEMALE	SMB MALE CRIMP	SMB FEMALE CRIMP	FME MALE TO FME FEMALE RA

B-9251	B-9252	B-9701	B-9702	B-9708	B-0001
MCX STRAIGHT MALE CRIMP	MCX R/A MALE CRIMP	MIMCX R/A MALE CRIMP	MIMCX STRAIGHT MALE CRIMP	MIMCX STRAIGHT FEMALE DRIMP	MC CARD