

# Cellular Antennas

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Product Name	GSM/GPRS Cellular Antennas				UMTS/HSDPA/WCDMA Cellular Antennas	
	ANT-CQB-ASM-01	ANT-CQB-AHSM-00-3m	ANT-CQB-AHSM-03-3m	ANT-CQB-AHSM-05-3m	ANT-WCDMA-ASM-1.5	ANT-WCDMA-AHSM-04-2.5m
						
Frequency Range	850/900/1800/1900 MHz	850/900/1800/1900 MHz	850/900/1800/1900 MHz	850/900/1800/1900 MHz	850/900/1800/1900/2100 MHz	850/900/1800/1900/2100 MHz
Cable Type	---	RG174/U	RG174/U	RG174/U	---	RG174/U
Typical Antenna Gain	max. 1 dBi	0 dBi	3 dBi	5 dBi	1.5 dBi	4 dBi
Impedance	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms
Polarization Type	Linear	Linear	Linear	Linear	Vertical	Vertical
V.S.W.R.	---	< 2	< 2	< 2	1 : 6.4	< 2
Connector(s)	SMA(M)	SMA(M)	SMA(M)	SMA(M)	SMA(M)	SMA(M)
Antenna Profile	3.3 mm length	100 mm length	250 mm length	370 mm length	104 mm length	110 mm length
Cable Length	---	3 m	3 m	3 m	---	2.5 m

## Terminal Block Accessories

### 3-pin Terminal Block

Fasteners: Screw type  
P/N: 1111000005200



### 5-pin Terminal Block

Fasteners: Screw type  
P/N: 1111000005400



### 10-pin Terminal Block

Fasteners: Screw type  
P/N: 1111211021212



### Power Jack to Terminal Block Power Cable

Cable Length: 100 ± 20 mm  
Bare Wire Length: 7.5 ± 1 mm  
P/N: 1701040110010



### Optional Accessories (can be purchased separately)

**CRF- N0117SA-3M:** CFD200 cable, N-type (male) to RP-SMA (male), 3 meters (for AWK-3121/3222 and NPort® W series)

Note: This cable is required for connecting to an optional antenna for devices that have an RP-SMA connector.

**CRF-N0429N-3M:** CFD400 cable, N-Male to N-Male connector, 3 meters (for outdoor AWK series products)

Note: This cable is required for connecting to an optional antenna for devices that have an N-type connector.

**WK-HA-1002SU:** Swivel Mounting Kit, swivel angle 90° horizontal, 40° vertical

Note: Supports ANT-WSB-PNF-12 by adjusting the angle for use with different wireless applications.