

CB21YA

LTE / CBRS / GPS Multiband MIMO Combination Antenna, 3 Leads

Electrical Specifications

Cable Leads Number	Cable 1 & 2 (LTE)	Cable 3 (GPS)
Frequency (MHz)	698-960 / 1710-3800	1575.42±2 MHz
Gain (dBi)	2 / 3	5 (28dB with LNA)
Polarization	Vertical	RHCP
VSWR	≤2.5 / ≤2.5	≤2.0
Noise Figure (dB)	N/A	2.0 max, 1.7 typical
Current (mA)	N/A	20 max, 10 typical
Amplifier Bias	N/A	2.7 to 5 VDC
Average Power, Maximum (W)	10	
Impedance (Ω)	50	



Mechanical Specifications

Dimensions (mm)	Φ 75 × 25	
Net Weight (kg)	0.3	
Radome Material	UV Stabilized ABS	
Radome Color	Black	
Cable Type	RG58	RG174
Cable Length (CM)	457	457
Connector	SMA Male (2×)	SMA Male (1×)

Environmental Specifications

Application	Indoor / Outdoor
Operating Temperature (°C)	-40 to +70 (-40 to 158°F)
Humidity (%)	5 to 95
Water Ingress Rating	IP67

Mounting Specifications

MOUNTING ACCESSORIES ARE INCLUDED UNLESS OTHERWISE SPECIFIED

Mounting Style	Surface Mount
Mounting Accessories	Surface Mount Nut and Washer