

CLR-C1-WD16/RF-CHW-16-433-CLR

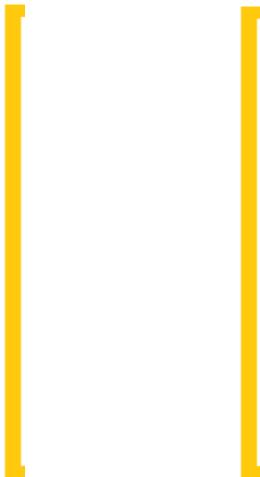
Antenna info

Overview:

Antenna description:

- The antenna is a piece of wire and used in a monopole arrangement. Antenna is permanently attached to the unit. The antenna does not use reverse polarity connector.
- Both antenna characteristic was the same

Antenna Drawing:



Antenna design:

Left Antenna

Antenna specification					
Frequency band 433.95MHz					
Frequency (MHz)	430	431	433	434	436
Return loss (dB)			< -18		
Peak gain (dBi)	0.412	0.22	-0.93	1.67	1.87
Average gain (dBi)	-1.34	-3.6	-2.95	-1.9	-1.97
Efficiency (%)	33.8	37.86	48.8	68.3	68.83

Right Antenna

Antenna specification					
Frequency band 433.95MHz					
Frequency (MHz)	430	431	433	434	436
Return loss (dB)			< -18		
Peak gain (dBi)	0.412	0.22	-0.93	1.67	1.87
Average gain (dBi)	-1.34	-3.6	-2.95	-1.9	-1.97
Efficiency (%)	33.8	37.86	48.8	68.3	68.83