

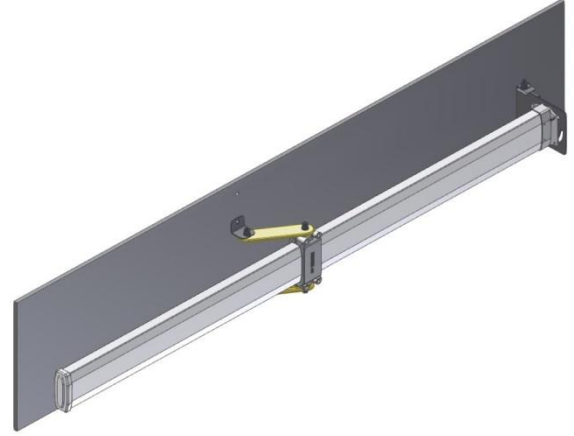
Multi Band Log Antenna(지하철용)

824~894 MHz, 1710~2690 MHz / 11.5, 13.5dBi

CPWW-YG-1214

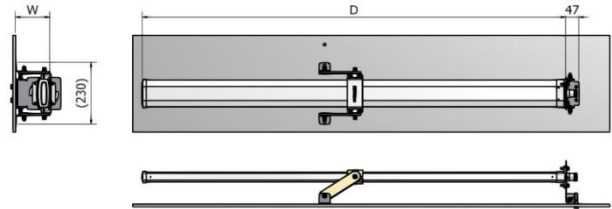
i. Electrical Specification

Frequency Range	824~894	1710~2690	
Polarization	Vertical	Vertical	
Band Width	70 MHz	980 MHz	
Gain	≥ 11.5 dBi	≥ 13.5 dBi	
Beam width	Horizontal	50° ± 10°	35° ± 10°
	Vertical	45° ± 10°	30° ± 10°
F-B ratio (Horizontal & Vertical)	≥ 18dB		
VSWR	1 : 1.5		
Impedance	50 Ω		
IMD (3rd)	≤ -150dBc @ 2x43dBm		
IMD (2rd)	≤ -150dBc @ 2x43dBm		
Maximum input power	200 W		

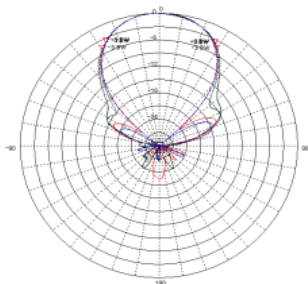


ii. Mechanical Specification

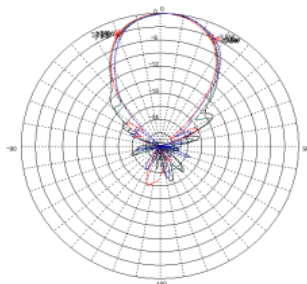
Radom Dimension (HxWxD)	100 x 36 x 1474 mm
Weight (Antenna only)	≤ 1.46 Kg
Connector Type	N-J (Female)
Radome Material	ASA
Withstand Wind Pressure	60 m/sec
Radome Color	취색(Pantone 427C ~429C)
Mechanical Tilt	Up, Down 0°~10°
	Shaft ± 45°
Temperature	-40 °C ~ 70 °C
Packing Size (H x W x D) 10SET	-
Packing Weight 10SET	-



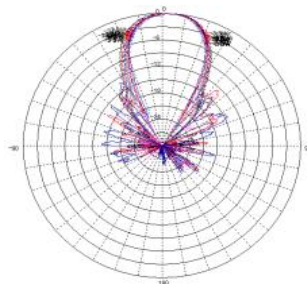
iii. Radiation Pattern



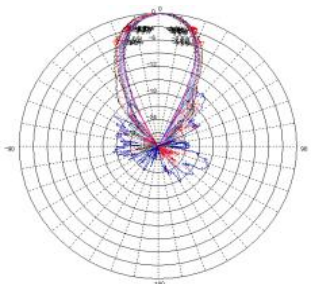
Horizontal Pattern
(Low Band)



Vertical Pattern
(Low Band)



Horizontal Pattern
(High Band)



Vertical Pattern
(High Band)