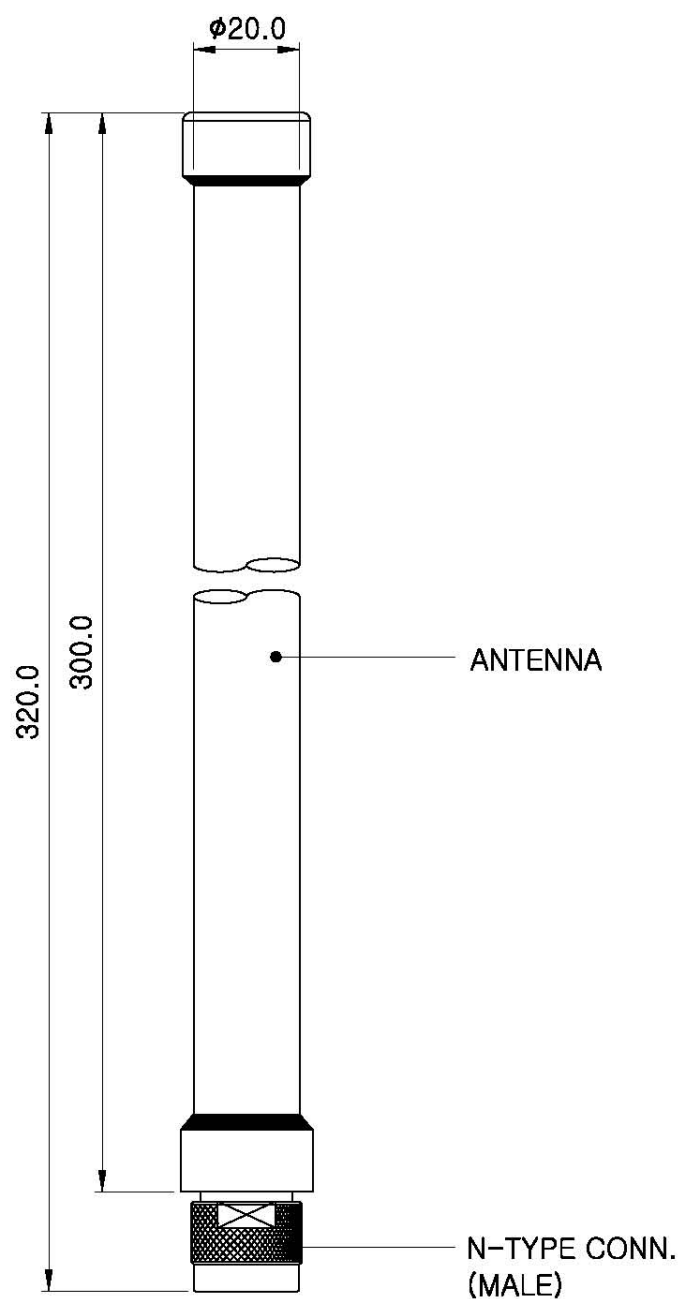


SPECIFICATION DATASHEET

Model	AWMO-6-0T		
Section	Omnidirectional Antenna		
Electrical Specifications			
Frequency band		2500 ~ 2700 MHz	
Gain		> 5.5 dBi	
Polarization		Vertical	
Horizontal beam width (-3 dB BW)		360°	
Vertical beam width (-3 dB BW)		24° ± 3°	
Electrical Tilt (deg)		0° ± 4°	
Impedance		50 Ω	
VSWR		< 1 : 1.7	
Lightning Protection		DC ground	
IMD (@2×37dBm)		< -140 dBc	
Maximum input power		10 Watt	
Mechanical Specifications			
Main Dimensions (Diameter / Height)		25Φ × 300mm	
Weight (Kg)		< 0.5	
Connector type		N - male	
Down Tilt (deg)		N/A	
Maximum wind speed		60 m/s	
Temperature (□)		-40 ~ 70	
Radome material		Fiber glass	
Mounting interface		N/A	
RoHS compatibility		OK	

Omni Directional Antenna

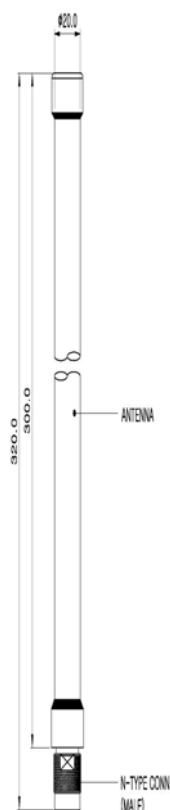
Model : AWMO-6-0T



UNIT : mm

ace antenna **A**

AWMO-6-0T (ANTN 0051)



Electrical Specifications		Mechanical Specifications	
Frequency band	2500 ~ 2700 MHz	Main Dimensions (Diameter / Height)	25Φ × 300mm
Gain	> 5.5 dBi	Weight (Kg)	< 0.5
Polarization	Vertical	Connector type	N - male
Horizontal beam width (-3 dB BW)	360°	Down Tilt (deg)	N/A
Vertical beam width (-3 dB BW)	24° ± 3°	Maximum wind speed	60 m/s
Electrical Tilt (deg)	0° ± 4°	Temperature (°C)	-40 ~ 70
Impedance	50 Ω	Radome material	Fiber glass
VSWR	< 1 : 1.7	Mounting interface	N/A
Lightning Protection	DC ground	RoHS compatibility	OK
IMD (@2×37dBm)	< -140 dBc	CE 0682	OK
Maximum input power	10 Watt		

Environmental Tests		
Low Temperature	IEC 68-2-1	77 h / -55 ° C
High Temperature	IEC 68 2-1	72 h / +71° C
Temp. Cycling	IEC 68-2-14	1 h / -45° C+70° C
Vibration	IEC 60721-3-4	30 min/axis
Shock Mechanical	IEC 60721-3-4	-
Humidity	ETSI EN300-2-4 T4.1E	144 h / 90 %
Water Tightness	IEC 529	IP 65
Solar Radiation	ASTM G 53	1000 h
Flammability	UL 94	Class HB
Salt spray	IEC 68-2-11 Ka	500 h
Ice and snow	-	25 mm Radial
Wind speed survival operation	-	220 Km/h 160 km/h