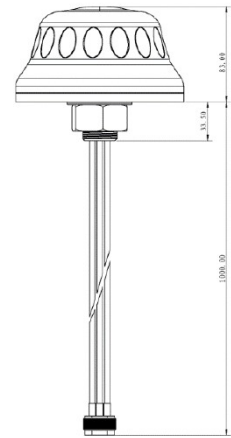
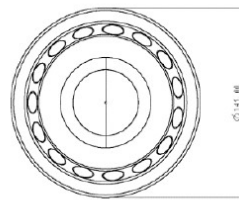


## Nokia Industrial 4-in-1 Multi-port Antenna



### Antenna overview

	5G NR&LTE	5G NR&LTE (Support GNSS1)	5G NR&LTE (Support GNSS2)
Ports	M1&M4	M2	M3
Frequency Bands	600 MHz - 6000 MHz	1100 MHz - 6000 MHz	1400 MHz - 6000 MHz
Peak Gain	7 dBi	6.5 dBi	7 dBi
Coax Cable Length	2m	2m	2m
Connector Type	TNC male	TNC male	TNC male

## Mechanical Specifications

Dimensions	Ø145 mm x 83 mm
Connector Type	4*TNC
Cable Length	2000±50mm
Radome Material	PC+ABS (Halogen free)
Radome Color	Black
Mounting Type	Ø32 Double-sided mounting tape and Nuts

## Electrical Specifications

5G NR&LTE(2 ports)	
V.S.W.R.	≤4.0
Frequency Range (MHz) & Peak Gain (dBi)	600MHz~960MHz: 2.5dBi 1500MHz~2700MHz: 5dBi 3300MHz~5000MHz: 7dBi
Impedance	50Ω Nominal
Polarization	Linear Vertical
5G NR&LTE (Support GNSS1) (1 ports)	
V.S.W.R.	≤4.0
Frequency Range (MHz) & Peak Gain (dBi)	1100MHz~2700MHz: 5.5dBi 3300MHz~6000MHz: 6.5dBi
Impedance	50Ω Nominal
Polarization	Linear Vertical
5G NR&LTE (Support GNSS2) (1 ports)	
V.S.W.R.	≤4.0
Frequency Range (MHz) & Peak Gain (dBi)	1400MHz~2700MHz: 4.5dBi 3300MHz~6000MHz: 7dBi
Impedance	50Ω Nominal
Polarization	Linear Vertical



# Environmental Specifications

Operating Temperature	-40°C to +80°C
Environmental Conditions	Outdoor/Indoor
Environmental	IP67
Operating Humidity	Up to 95%
Storage Humidity	5% to 95%, non-condensing
Storage Temperature	-40°C to +80°C

## About Nokia

At Nokia, we create technology that helps the world act together.

As a B2B technology innovation leader, we are pioneering the future where networks meet cloud to realize the full potential of digital in every industry.

Through networks that sense, think and act, we work with our customers and partners to create the digital services and applications of the future.

Nokia operates a policy of ongoing development and has made all reasonable efforts to ensure that the content of this document is adequate and free of material errors and omissions. Nokia assumes no responsibility for any inaccuracies in this document and reserves the right to change, modify, transfer, or otherwise revise this publication without notice.

© 2023 Nokia

Nokia OYJ  
Karakaari 7  
02610 Espoo  
Finland  
Tel. +358 (0) 10 44 88 000

**Find about Nokia Digital Automation** ([www.dac.nokia.com](http://www.dac.nokia.com))