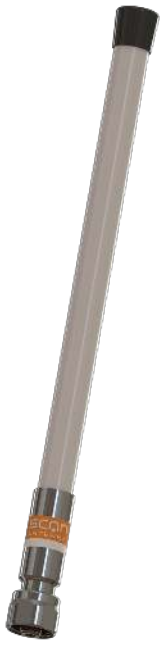
UHF5G

3-10 dB UHF Multiband Antenna 0.5 m

Multiband antenna combining the cellular/mobile GSM(2G), UMTS(3G), LTE(4G), 5G and WiFi frequencies e.g. for near cost vessels or land based phone and WiFi communication. Ideal for IOT and M2M applications.

- High Quality UHF antenna for professional use
- Compact and light weight design
- Multiband:
  - 5G 700/800/900/1500/1800/2100/2600/3500 MHz
  - LTE 700/800/1800/1900/2600 MHz
  - GSM 850/900/1800/1900 MHz
  - UMTS 700/800/900/2100 MHz
  - WiFi 2.4 GHz



ELECTRICAL SPECIFICATIONS

FREQUENCY	698 - 960 MHz, 1427 - 1518 MHz, 1710 - 2170 MHz, 2300 - 2690 MHz, 3300 - 3800 MHz
BANDS	5G 700/800/900/1500/1800/2100/2600/3500 MHz LTE 700/800/1800/1900/2600 MHz UMTS 700/800/900/2100 MHz GSM 850/900/1800/1900 MHz WiFi 2.4 GHz
BANDWIDTH	See "FREQUENCY"
ANTENNA TYPE	End-fed 1/2 λ dipole - no groundplane needed
IMPEDANCE	50 ohm
VSWR	< 3.0:1 (698- 960 MHz), < 2.5:1 (1427- 2690 MHz/ 3300 - 3800 MHz)
GAIN	3 dB (Marine), 0 dBd, 2.15 dBi (698-960 MHz) 6 dB (Marine), 3 dBd, 5.15 dBi (1427-1518/1710-2170 MHz) 10 dB (Marine), 7 dBd, 9.15 dBi (2300-2690/3300-3800 MHz)
RADIATION PATTERN	Omni-directional
MAX. INPUT POWER	100 W

Disclaimer: Every effort has been made to ensure the accuracy of the information in this product sheet. SCAN Antenna A/S reserves the right to introduce changes to this information without notice. All rights reserved.

MECHANICAL SPECIFICATIONS

COLOR	White and chrome
LENGTH	478 mm
WEIGHT	520 g
MOUNTING	On 1" threaded pole or bracket (G1"-11 thread) with the supplied fixed Revolving Nut
MOUNTING PLACE	On mast or deck
MATERIALS	UV Protected PC, PTFE, PE and chromed solid brass
SURVIVAL WIND SPEED	55 m/s (125 mph)
OPERATING TEMPERATURE	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)
CONNECTOR	N-female
CABLE	No cable supplied
INGRESS PROTECTION	IP66
VIBRATION	IEC 60068-2-6, IEC 60068-2-64
SERIAL NO.	On product label

ORDERING INFORMATION

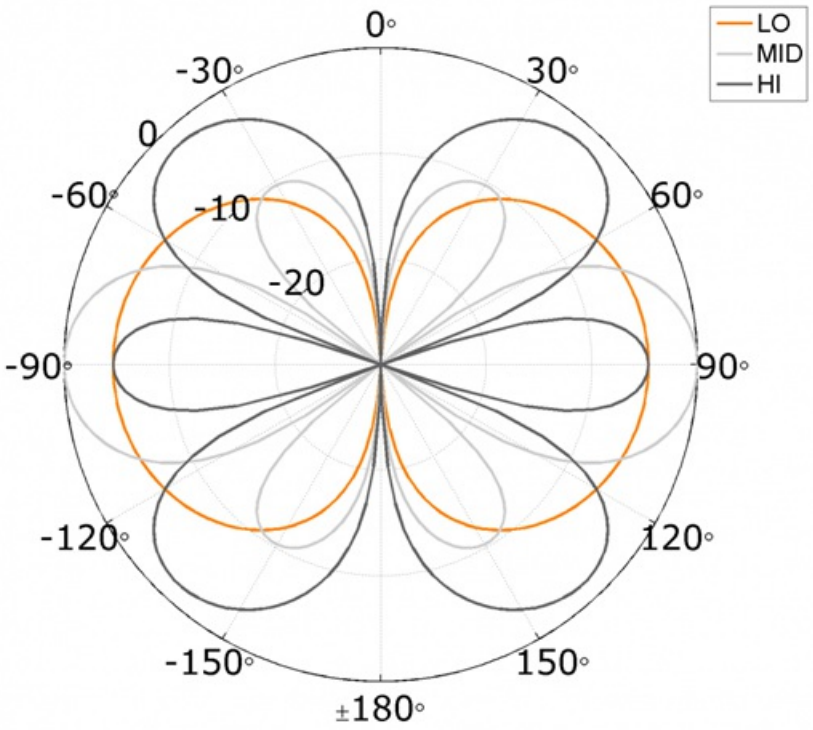
14593-430	Antenna + 1" Revolving Nut - Bulk
14593-431	Antenna + 1" Revolving Nut - Polybag
14593-432	Antenna + 1" Revolving Nut - Carton tube
14593-000	Antenna - Bulk
14593-001	Antenna - Polybag
14593-002	Antenna - Carton tube

PACKAGING INFORMATION

TYPE	Bulk packing or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION")

Disclaimer: Every effort has been made to ensure the accuracy of the information in this product sheet. SCAN Antenna A/S reserves the right to introduce changes to this information without notice. All rights reserved.

Datasheet



Disclaimer: Every effort has been made to ensure the accuracy of the information in this product sheet. SCAN Antenna A/S reserves the right to introduce changes to this information without notice. All rights reserved.