BC90-XG Series

LTE 900 MHz Omni Base Station Antenna Series

The BC90-XG series offers high gain antennas for the LTE900 and 5GNR bands, n8, n81 & n100.

- Heavy duty construction
- High power
- No groundplane needed
- All metal parts in the antenna are DC-grounded.





ELECTRICAL SPECIFICATIONS

Antenna Type	High Gain Broadband Co-linear
Frequency	885 - 955 MHz
Bandwidth	70 MHz
Impedance	50 Ohm
VSWR	< 1.5:1
Polarisation	Vertical
Gain	BC90-6G: 6 dBd, 8.15 dBi BC90-8G: 8 dBd, 10.15 dBi
Radiation Pattern	Omni Directional (Horizontal)
Half Power Beamwidth	BC90-6G: 14.0° BC90-8G: 10.5°
Max. Input Power	100 Watt
Antistatic Protection	Direct Ground

Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

MECHANICAL SPECIFICATIONS

Color	White and Silver
Length	BC90-6G: 1.8 m BC90-8G: 2.5 m
Weight	BC90-6G: 2.6 kg BC90-8G: 2.6 kg
Mount type	Fixed Tube Mounting Bracket. Stainless Steel Mounting Hardware included.
Mounting Place	On vertical mast tube; Ø 30 - 55 mm
Materials	Brass, Copper, Fibreglass and Aluminium
Survival Wind Speed	55 m/s
Operating Temperature	-50 °C to +70 °C
Connector	Type N-female
Ingress protection	IP66
Serial no.	On product label

ORDERING INFORMATION

BC90-6G	Individually packing in Carton tube
BC90-8G	Individually packing in Carton tube

PACKAGING INFORMATION

Type	See "Part No."

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