BY800-XG

LTE 850 MHz Yagi Antenna Series

BY80-XG is a family of LTE 850 MHz Yagi Antennas

- Low Loss and Wideband Gamma match.
- Radiating elements, supporting booms and adjoining metal castings are constructed in high quality aluminum to prevent corrosion.



ELECTRICAL SPECIFICATIONS

Antenna Type	BY80-10G: 10-element Yagi Antenna BY80-12G: 14-element Yagi Antenna
Frequency	800 - 900 MHz
Bandwidth	100 MHz
Impedance	50 Ohm
VSWR	<1.5:1
Polarisation	Linear (Vertical or Horizontal)
Gain	BY80-10G: 10 dBd, 12.15 dBi BY80-12G: 12 dBd, 14.15 dBi
Half-Power Beamwidth	BY80-10G: E-Plane: 42°, H-Plane: 48° BY80-12G: E-Plane: 32°, H-Plane: 34°
Front-To-Back Ratio	> 18 dB
Max. Input Power	150 Watt



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	Black Grey (RAL7021)
Dimensions	BY80-10G: 850 x 240 mm BY80-12G: 1250 x 240 mm
Weight	BY80-10G: 1.5 kg BY80-12G: 1.8 kg
Mount Type	Fixed Tube Bracket in Galvanized Iron (included)
Mounting Place	On tube (Ø 20 - 50 mm, vertical or horisontal)
Survival Wind Speed	55 m/s
Materials	Aluminum 6063-T5, PP and Brass
Connector	Type N-female
Pigtail	Approx. 0.5 m RG213/U
Serial Number	On product label

ORDERING INFORMATION

BY80-10G	10 dBd, 12.15 dBi In Box
BY80-12G	12 dBd, 14.15 dBi In Box

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