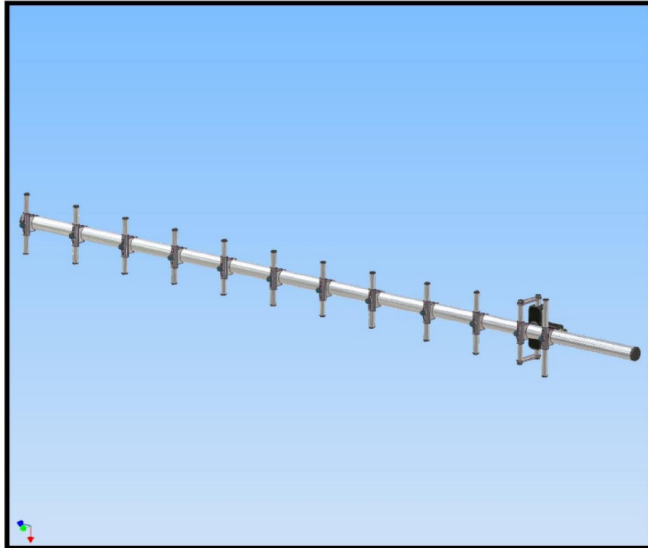


# 12 Elements Yagi Antenna

870 – 930 MHz

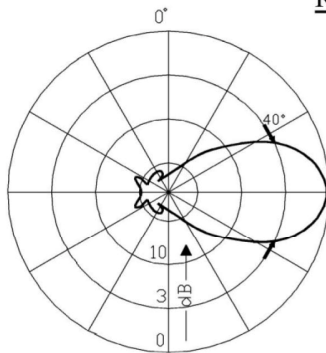
# T-DY12.870-930

## TECHNICAL SPECIFICATIONS

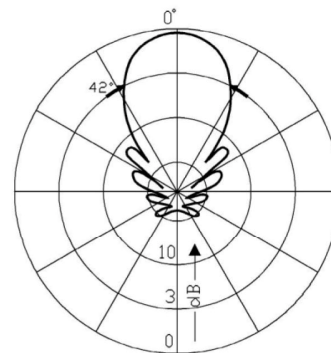


Elements number:	12
Impedance ( Ohms ):	50
Frequency range	
GSM-R:	870 ÷ 930 MHz
V.S.W.R.:	less than 1.7
Beamwidth -3 dB:	See "RADIATION CURVE"
Polarization:	Vertical or Horizontal
Connector:	N-female
Front to Back ratio:	more than 20 dB
Mounting:	on masts from 33 to 60 mm diam.
Gain ( dBi ):	13
Max power ( W ):	150
Wind resistance:	160 Km/Hr
Temperature ( °C ):	-40° - +85°
Dimensions ( mm ):	190 x 1000
Net weight ( g ):	2500
Material	
Boom:	Aluminium alloy EN AW-6082
Elements:	Aluminium alloy EN AW-6060
Screws and nuts:	Stainless steel
Treatment:	Phospho-chromium plating ( in specification RoHS )

## RADIATION PATTERN

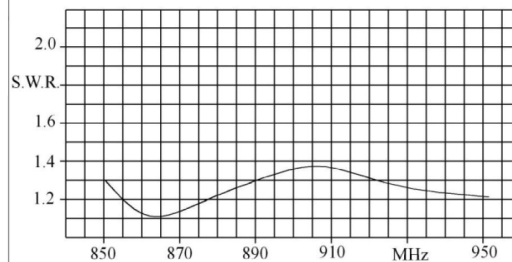


E-PLANE



H-PLANE

## V.S.W.R.



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