

COLU-120/8EO

FIXED COLLINEAR ANTENNA OMNIDIRECTIONAL STACKED WITH 1:2 UHF SPLITTER

UHF collinear omnidirectional antenna with opposing dipoles and 10 dBi gain.

Constructed of aluminum, this antenna is suitable for repeater stations.

It has a low radiation angle, ensuring excellent coverage on uneven terrain.

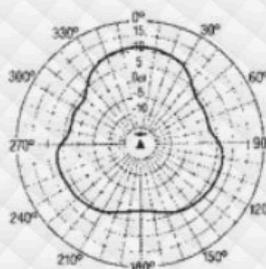
Due to its technical characteristics, this antenna is especially suitable for high-traffic radio communication systems.

Partnumber	Model	Range
502162	COLU-120/8EO	380 / 400 MHz

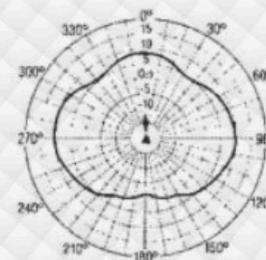
ELECTRICAL SPECIFICATIONS	
VSWR	≤ 1,5 : 1
Polarization	Vertical
Nominal impedance	50 Ω
Maximum power	350 Watts
Half-power angle	Horizontal 390 MHz 88°
Half-power angle	Vertical 390 MHz 18°

MECHANICAL SPECIFICATIONS	
Gondola diameter	44,45 mm
Gondola length	2700 mm
Weight	9,700 Kg
Area exposed to wind	0,3955 m ²
Connector	N female
Basic material	Aluminum
Operational wind	≥ 110Km/h
Survival wind	≥ 200Km/h

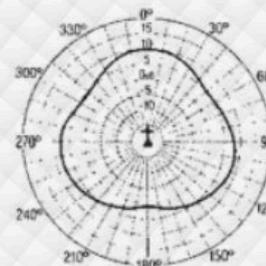
GAIN	SETTINGS
9,95 dBi	Omnidirectional dipoles
9,95 dBi	Bidirectional dipoles



Antenna mounted next to the tower



Elements pointing towards the tower



Opposing elements

