

COLU-120/8 BI BIA BIB

ANTENNA COLINEAR OMNIDIRECTIONAL WITH OPPOSITE DIPOLES

Omnidirectional collinear antenna for the UHF range with 8 elements and 11,15 dBi gain.

Made of aluminum, this antenna is recommended for repeater stations.

It has a low irradiation angle, ensuring excellent coverage on rough terrain.

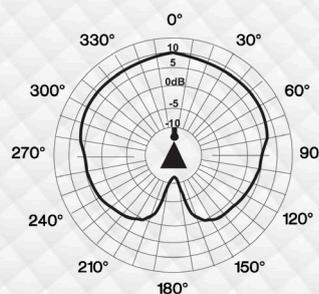
For its technical characteristics, this antenna is especially suitable for high-traffic radio communication systems.

Partnumber	Model	Range
502215	COLU-120/8BI	409 / 430 MHz
502124	COLU-120/8BIA	420 / 450 MHz
502126	COLU-120/8BIB	440 / 470 MHz

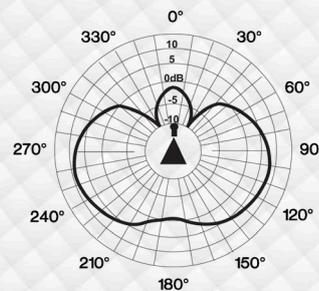
ELECTRICAL SPECIFICATIONS	
VSWR	≤ 1,5 : 1
Polarization	Vertical
Nominal impedance	50 Ω
Maximum power	350 Watts
1/2 POT angle	Plan H 410 MHz 2x130°
1/2 POT angle	Plano E 410 MHz 17°

MECHANICAL SPECIFICATIONS	
Gondola diameter	44,45 mm
Gondola length	2.700 mm
Weight	8,90 Kg
Wind exposure area	0,214 m ²
Basic material	Aluminum
Conector	N female
Operating wind	≥ 110Km/h
Wind of survival	≥ 200Km/h

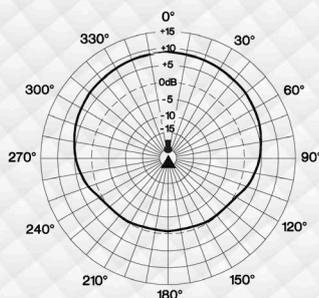
GAIN	SETTINGS
11,15 dBi	Bidirectional dipoles



Elementos apontados para foradador



Elementos apontados para torre



Antena montada no topo da torre

