

LPO TETRA/380-470

Indoor linearly polarized low profile antennas for mounting on ceiling.

DESCRIPTION

- Low-profile antenna for the 380 - 470 MHz band.
- LPO TETRA/380-470 is a vertically Polarized antenna for indoor use.
- Specially designed for closed rooms.
- Covers 90 MHz with a radiation of approx. 2 dBi.
- The antennas are carefully sealed with a discreet cover.



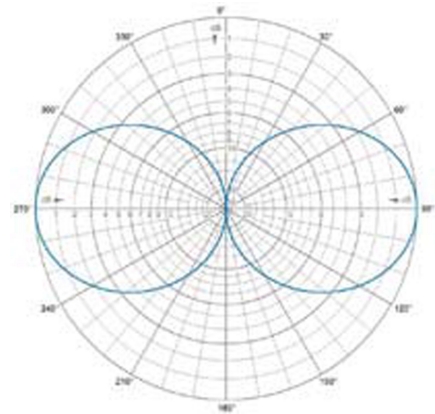
ORDERING DESIGNATIONS

TYPE	PRODUCT NO.	FREQUENCY
LPO TETRA/380-470	123005007	380 - 470 MHz

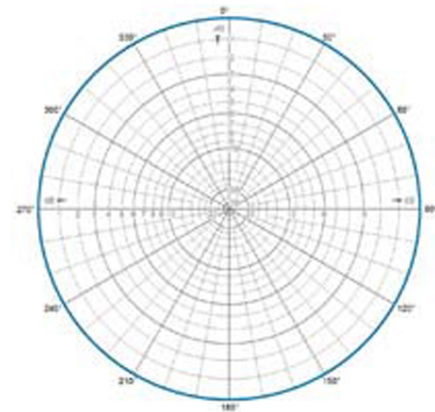
SPECIFICATIONS

ELETRICAL	
MODEL	LPO TETRA/380-470
ANTENNA TYPE	Vertical polarized low profile antenna
FREQUENCY	380 - 470 MHz
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Linear (Vertical polarized)
GAIN	2 dBi
BANDWIDTH	\geq 90 MHz
HALF-POWER BEAMWIDTH	E-plane 80° H-plane 360°
SWR	\leq 2.0
MAX. POWER	50 W
IM3	<-120 dBc (2 x 37 dBm)
MECHANICAL	
CONNECTOR	500 mm / 19.69 in. RG 303 term; "N"-type socket
RADOME	ABS White Fire Retardant
MATERIALS	Element: FR4 Printed circuit
SIZE (D x H)	\varnothing 231 mm x 81 mm / \varnothing 9.09 in. x 3.19 in.
WEIGHT	Approx. 0.4 kg / 0.88 lb.
MOUNTING	Via 3 screws on 180 mm / 7.09 in. PCD

TYPICAL RADIATION PATTERN (E-plane)



TYPICAL RADIATION PATTERN (H-plane)



PROCOM A/S reserve the right to amend specifications without prior notice.

02/12/14