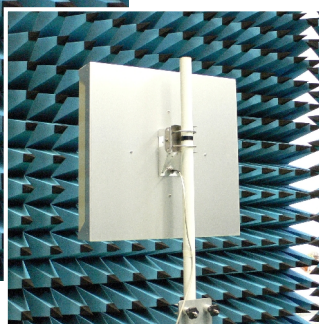
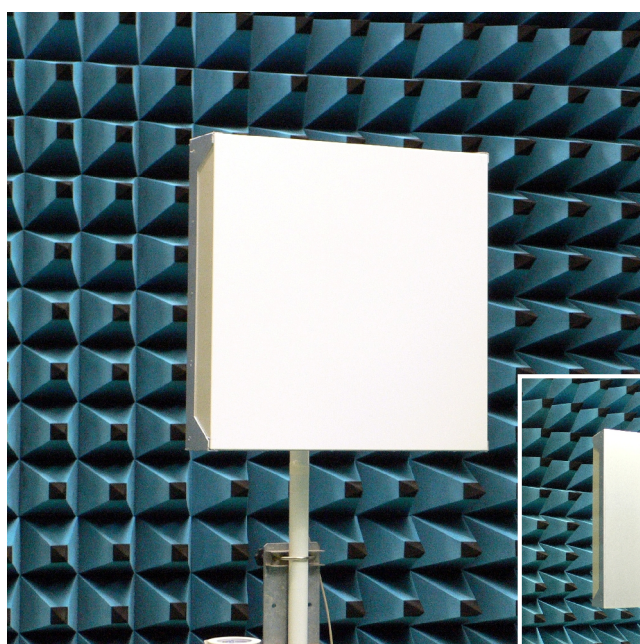


LP70L - DP70HV

ElettroMagnetic Services
SRL

DIRECTIONAL PANEL

- Vertical polarization and dual polarizations H/V versions available
- Tilttable stainless steel bracket and hardware
- Other bands upon request



stainless steel rear tilttable bracket

ELECTRICAL

Frequency	420 ÷ 450 MHz	
Polarization	linear vertical	(LP70L)
	dual, horizontal + vertical	(DP70HV)
VSWR	< 1.5 across band	
Gain	10.5 dBi	
Front-to-back ratio	> 25 dB	
Isolation btw ports	> 30 dB	
Half pwr beamwidth	58° (E-plane) × 60° (H-plane)	
Power rating	250 W cw	
Lightning protection	DC grounded	

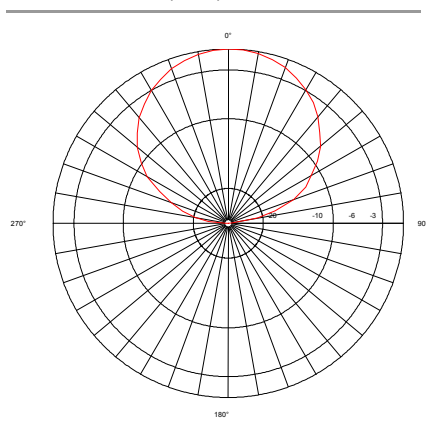
MECHANICAL

Connector	1× or 2× N-female, 50 Ω
Dimensions	600(W)×600(H)×120(D) mm
Mass	≈ 6000 g
Wind loading	40 kg @ 150 km/h
Standard finish	white plastic radome and anod. aluminium reflector

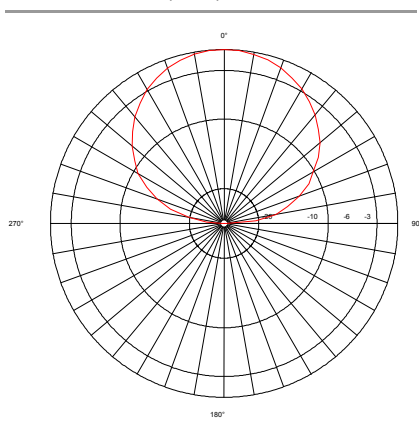
MOUNTING

Standard interface	tiltable rear bracket
Mast diameter range	40 ÷ 60 mm

E-plane pattern



H-plane pattern



Due to technical improvements, specifications provided in this data sheet may change without notice.
Whilst every effort is made to ensure an high degree of accuracy to all specifications here reported, no responsibility can be accepted for any errors or omissions.
Any reproduction, full or partial, of this document and its contents is not allowed without factory authorization.

Since **ElettroMagnetic Services** is specialized in development and production of custom antennas, if you need electrical and/or mechanical modifications of this product to meet a particular application or requirements, please feel free to contact us directly.

HEADQUARTERS

ElettroMagnetic Services srl
via S. Pertini, 6
26019 VAILATE (CR) - ITALY
Tel +39 (0) 363 84086
Fax +39 (0) 363 341636
Email info@elettromagneticservices.com

Issued: 12.03.02 - 24.01.08
Updated: 04.11.16