

Crossed Yagi Antenn



Model: OSPL DCP01

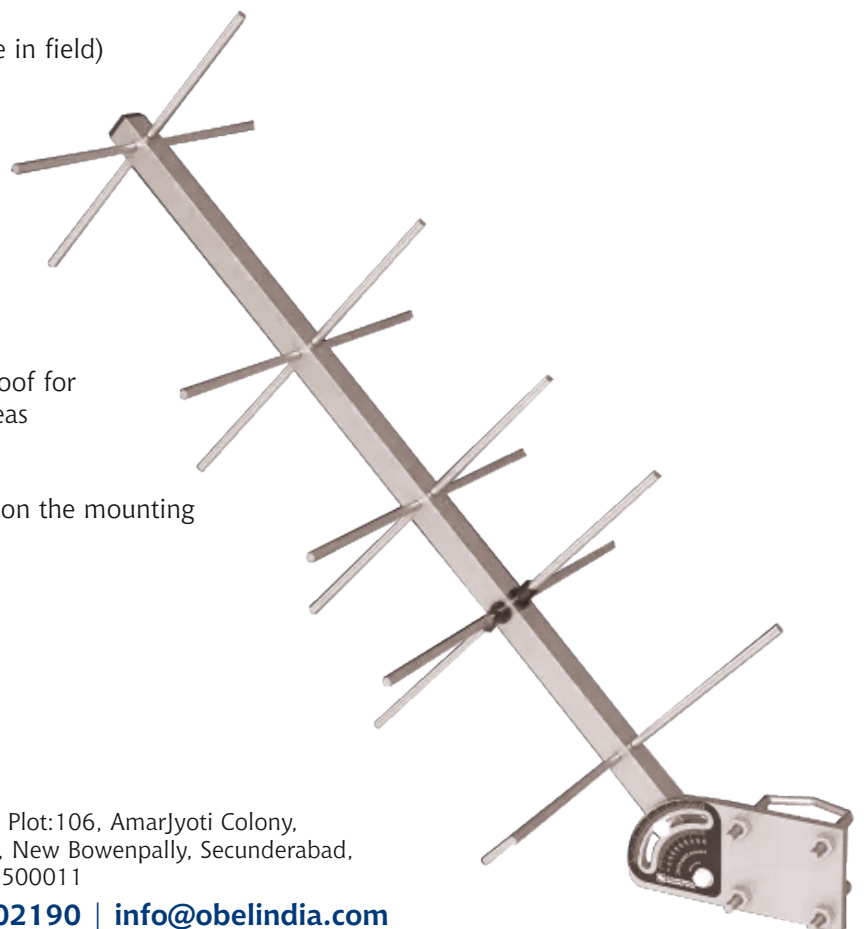
Transmits from a Data Collection Platform (DCP) to INSAT & METEOSAT Satellites

The Crossed Yagi Antenna transmits data from Satellite transmitter installed at remote station. The Crossed Yagi antenna has provision to change the LHCP and RHCP Polarization in the field. The antenna is made of rust-resistant materials and is moisture-proof. This antenna has been designed and developed for wider bandwidth. The antenna comes packaged in a compact box and can be assembled in a few minutes. The Yagi Antenna cable connects the Data collection platform with the antenna.

Technical Specifications:

Parameter

Transmit frequency	: 402.0 MHz to 403.0 MHz
Gain	: Minimum 11 dBi or better
Polarization	: LHCP and RHCP (Switchable in field)
3dB Beam width	: 40°
VSWR	: 1.2 : 1
Impedance	: 50 ohms
Axial Ratio	: 4 Db
Operating wind speed	: 250 kmph
Wind Survival	: 300 kmph
Material	: Rust-proof and oxidation-proof for use in coastal and saline Areas
Connector type	: N type
Mounting	: Elevation angle is engraved on the mounting
Operating temp	: -40°C to +55°C
Weight	: 1.5 Kg (Approx.)



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