



# EBDS

WIRELESS & ANTENNAS

## **ANTENNE ISM 169MHZ**

**Panorama Antennas**

ODP-H7-5SP

**EXPERT ET SPÉCIALISTE DES SOLUTIONS DE  
COMMUNICATION SANS FIL**

# VHF & UHF Offset Dipole

## ODP-JRC-8BP



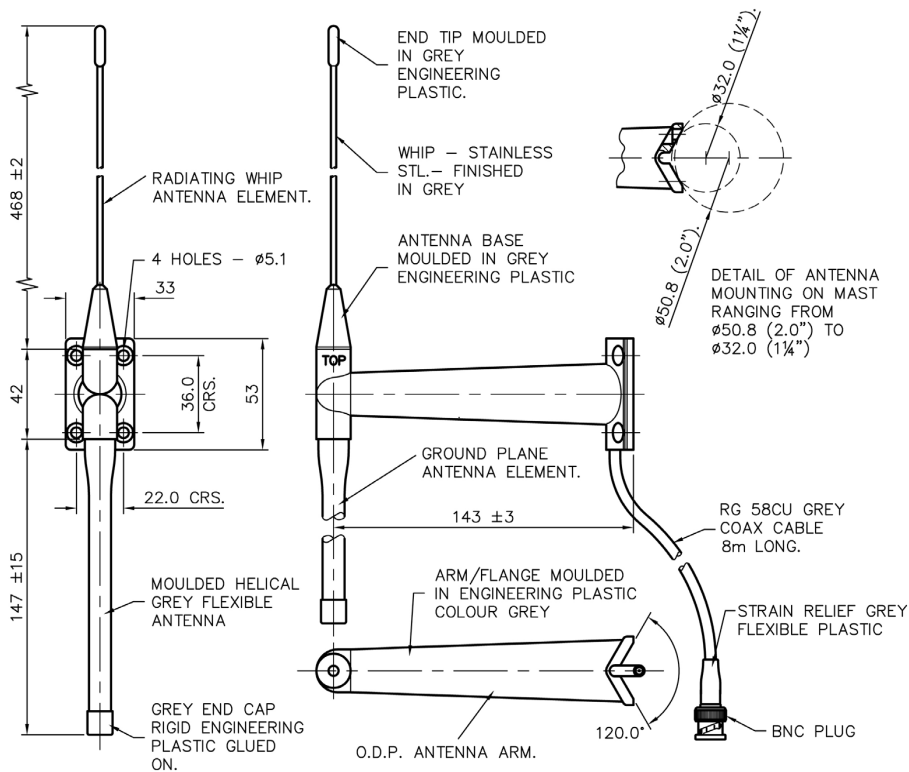
### VHF Offset Dipole

- Improves range
- Easy installation
- Suitable for internal & external use

The ODP is a low cost remote antenna solution for fixed radio terminals - ideal of network infill or range extension.

With 4 screw holes for mounting, the ODP is waterproof so can be fitted internally or externally

### Technical Drawing



# VHF & UHF Offset Dipole

## ODP-JRC-8BP

PANORAMA  ANTENNAS

### Product Data

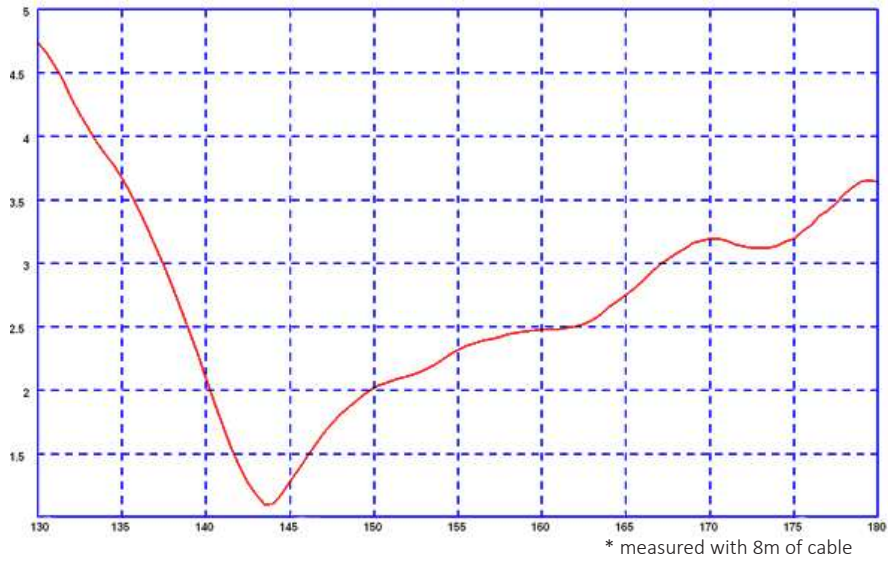
<b>Part No.</b>		ODP-JRC-8BP
<b>Electrical Data</b>		
Frequency Range (MHz)		139-157
Operational Band		JRC
Gain: Isotropic		1 dBi
Compared to $\frac{1}{4}$ wave		-1 dB
Typical VSWR		$\leq 2.5:1$
Polarisation		Vertical
Pattern		Omni directional
Impedance		50 $\Omega$
Max Input Power (W)		20
<b>Mechanical Data</b>		
Dimensions (mm)	Total Length	657 (25.8")
	Whip length	468 (18.4")
	Helical length	147 (5.7")
Off-Set from wall (mm)		143 (5.6")
Operating Temp (°C)		-40° / +80°C (-40° / 176°F)
Colour		Grey
Mast diameter range (mm)		50.8 / 32.0 (2" / 1.25")
<b>Cable Data</b>		
Type		RG 58CU
Length (m)		8 (26')
Colour		Grey
Diameter (mm)		5 (0.2")
Attenuation		0.35db/m @ 150 MHz
Termination		BNC plug

# VHF & UHF Offset Dipole

## ODP-JRC-8BP

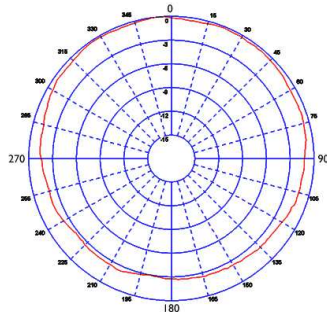
Electrical Data

Typical VSWR\*

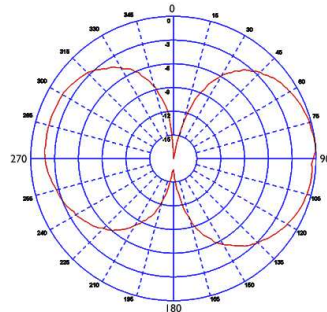


Radiation Patterns

Typical H-Plane (147MHz)



Typical E-Plane (147MHz)





# EBDS

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## LES MARQUES DISTRIBUÉES



## LES TECHNOLOGIES QUE NOUS COUVRONS



**WiFi**

2.4GHz, 5GHz



**LPWAN**

LoRa, Sigfox, LTE-M, NB-IOT



**Liaison point à point**

Licence libre, 5GHz, 24GHz



**Localisation**

GNSS, GPS, GLONASS  
GALILEO, BEIDOU



**Radio**

ISM : 169-434-868MHz  
VHF & UHF



**Cellulaire**

GSM, M2M,  
2G-3G-4G-5G



**BLE**

Bluetooth  
Low Energy



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