

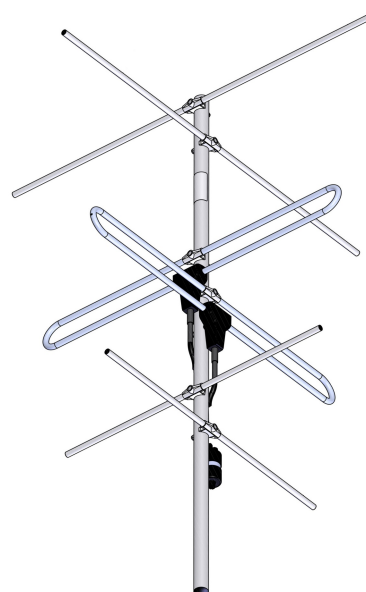
VHF circular polarised downfire antenna 145-175 MHz

DESCRIPTION

- The S.PAGE is based on the S.3Y yagi, and is specifically designed for in - building RF coverage requirements. The one piece folded dipoles incorporate a d.c. short to minimise static interference.
- The balun assembly is completely encapsulated in polyurethane resin, totally preventing moisture ingress, and has been tested to BS5490:IP67.
- These antennæ are circular polarised, and fire down for on site coverage.
- They are supplied as standard with 3 metres of RG213 cable terminated with an 'N' type socket.

SPECIFICATIONS

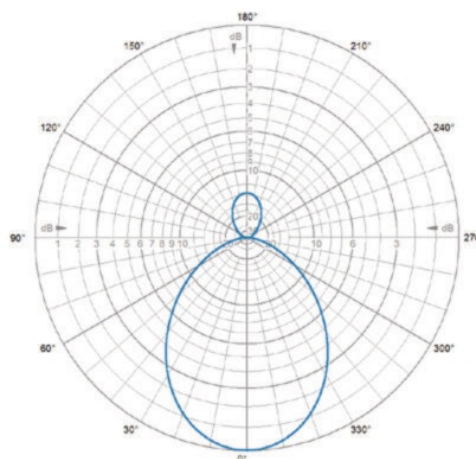
Electrical	
Frequency	145 - 175 MHz
Max. Input Power	150 W
Polarisation	Right hand circular
3 dB Beamwidth, E-Plane	62°
3 dB Beamwidth, H-Plane	62°
Impedance	50 Ω
Gain	6 dBd (8.2 dBi)
VSWR	< 1.5:1
Front-To-Back Ratio	> 15 dB
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)
Mechanical	
Connection(s)	N(f) on 3 m RG 213 c/w cable
Materials	Boom, 32 mm dia. aluminium elements, 12.7 mm dia. aluminium balun, fully moulded enclosure
Length	1000 mm / 39.37 in.
Dimensions	1330 x 705 x 705mm (L x W x D)
Wind Load	135 N (160km/h)
Weight	4 kg / 8.82 lb.
Mounting Bracket	3202078/68 + 3201079/00 (Ordered Separately)
Balun Encapsulant	Polyurethane Resin U-600
Alternate Mounting Bracket	0900912/00, 0302032/68, or 0300064/00 + U-Bolts to match mounting pipe diameter (Ordered Separately)
Environmental	
Ingress Protection	IP68



ORDERING

Model	Product No.	Description	Frequency
S.PAGE-160	S.PAGE-160	VHF circular polarised downfire antenna 145-175 MHz	145 - 175 MHz
Accessories			
0900912/00	0900912/00	Galvanised steel crossover bracket 32/50 mm	
0302032/68	0302032/68	Pressed steel cross clamp 2" x 1-1/4" (JBL73)	
0300064/00	0300064/00	Cast aluminium cross clamp, circular	
4884036/00	4884036/00	M8 x 50 mm (2") U-Bolts (1 Pair)	
4884076/00	4884076/00	M8 x 75 mm (3") U-Bolts (1 Pair)	
3202078/68	3202078/68	Fixed norstel / coupler clamp (cross clamp)	
3201079/00	3201079/00	Increasing sleeve	

TYPICAL RADIATION PATTERN (E-PLANE)



E-Plane | 160 MHz