

WLAN Linear Feed (with dish options)

2.4 - 2.5 GHz

Product code: See reverse side



The LANPoynt feed covers the 2.4 - 2.5 GHz ISM band frequency range. The LANPoynt feed has been designed to be completely waterproof. The feed is terminated with an N(f) connector. Standard metal Ku-band offset parabolic dishes can be used with this feed. The LANPoynts are available as stand alone antenna, or as a feed for a 60 or 90 cm dish.

Features:

- 2.4 - 2.5 GHz frequency.
- Waterproof feed.
- Rugged outdoor construction.
- Easy installation.
- Linear (vertical or horizontal) polarisation with easy indicator.

Application areas:

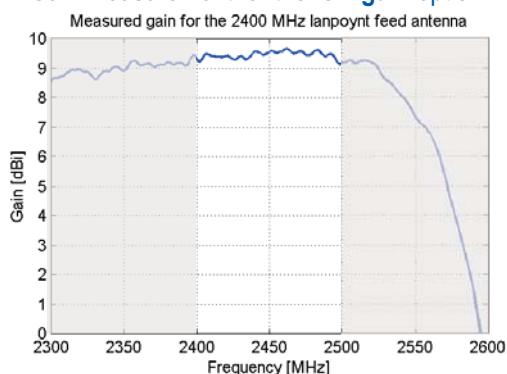
- Connection between wireless LAN access bridges and building to building bridges.
- Any other point-to-point communication in the 2.4 GHz ISM Band.
- Wireless video transmission in the 2.4 GHz ISM Band.

Specifications:

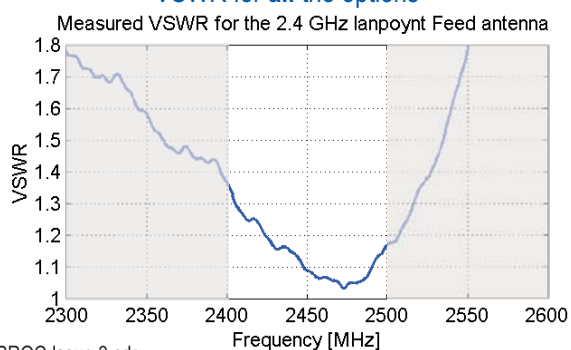
	Low Gain	Medium Gain	High Gain
Product Code	YAGI-A0003	YAGI-A0003 DISH-A0003	YAGI-A0003 DISH-A0004
Electrical:			
Gain (max.)	9.5 dBi (± 0.5 dB)	20.5 dBi (± 0.5 dB)	25 dBi (± 0.5 dB)
Gain (min. over band)	9 dBi (± 0.5 dB)	18.5 dBi (± 1.0 dB)	23 dBi (± 1.0 dB)
Frequency	2.4 - 2.5 GHz	2.4 - 2.5 GHz	2.4 - 2.5 GHz
VSWR	< 1.5:1	< 1.5:1	< 1.5:1
Feed power handling	10 W	10 W	10 W
Input impedance	50 Ohms (nominal)	50 Ohms (nominal)	50 Ohms (nominal)
Connector	N(f)	N(f)	N(f)
Polarisation	Linear	Linear	Linear
Mechanical:			
Feed mounting	40 mm	40 mm	40 mm
Dimension feed(l x d)	200 x 75 mm		
Reflector Diameter	N/A	63 x 71 cm	81 x 90 cm
Dish focal length	N/A	346 mm	583 mm
Dish F/D ratio	N/A	0.64	0.64
Weight	240 g	3.3 kg	6.8 kg
Mounting bracket	Excluded	Included	Included

Measurements

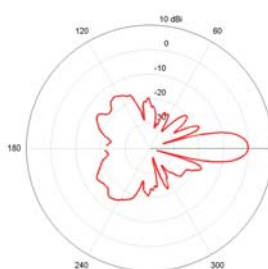
Gain measurement for the low gain option



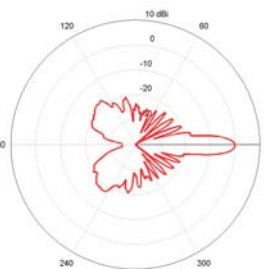
VSWR for all the options



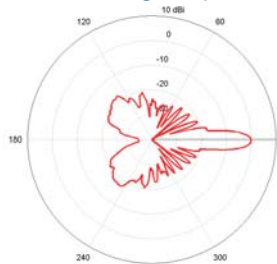
Azimuth at 2.45 GHz for medium gain option



Azimuth at 2.45 GHz for high gain option



Elevation at 2.45 GHz for medium gain option



Elevation at 2.45 GHz for high gain option

