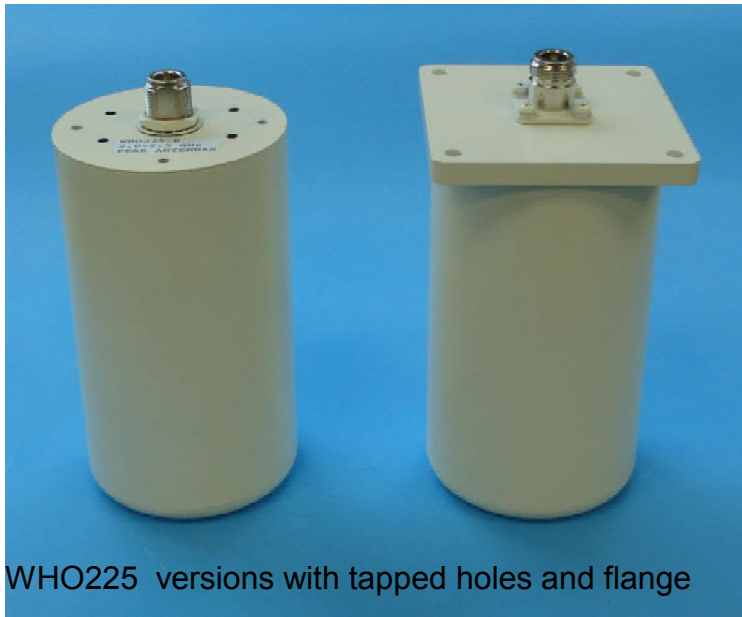


WIDEBAND HEMISPHERICAL OMNI ANTENNAS (WHO)



WHO225 versions with tapped holes and flange

Peak Antennas' WHO antennas are widely used by both the professional broadcast industry and by law enforcement agencies for the transmission of live video.

They are ideal for situations where the video needs to be sent to both a receiver below on the ground and to a distant central receive location.

Designed for helicopters, light aircraft, drones and UAVs.

For downlink / uplink, air-to-ground / ground-to-air transmission.

When coverage is required downwards, at the horizon and at all angles in between.

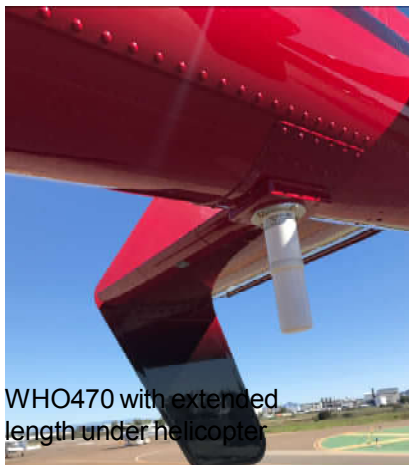
The radiation pattern features complete hemispherical coverage with no gaps.

Uniform performance over wide bandwidths with 2dBi gain.

Groundplane independent.

Aluminum alloy body with polypropylene radomes.

Mounting via through hole flange, or tapped holes in base or direct connector mount.



WHO470 with extended length under helicopter



WHO180 and WHO470 installation



WHO225 on light aircraft

PEAK ANTENNAS

www.peakantennas.com

Peak Antennas LLC
236, Main Street, Suite C
Monroe, CT 06468 USA
Tel/Fax: +1 203 268 3688
info@peakantennas.com
MDPeakantennas@aol.com

WIDEBAND HEMISPHERICAL OMNI ANTENNAS (WHO)

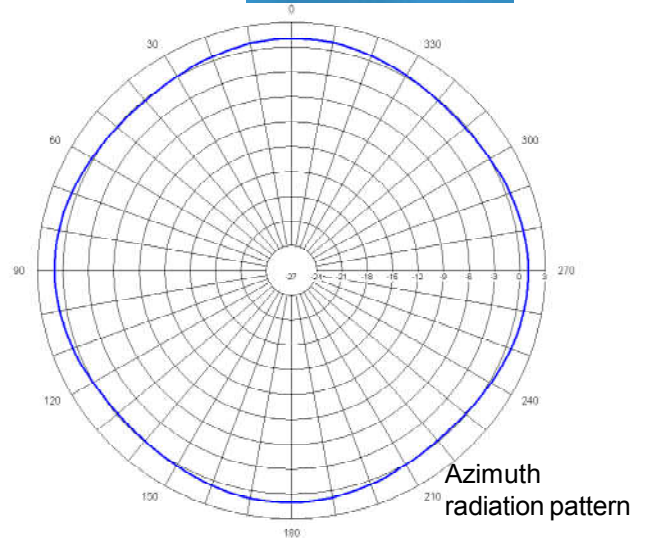
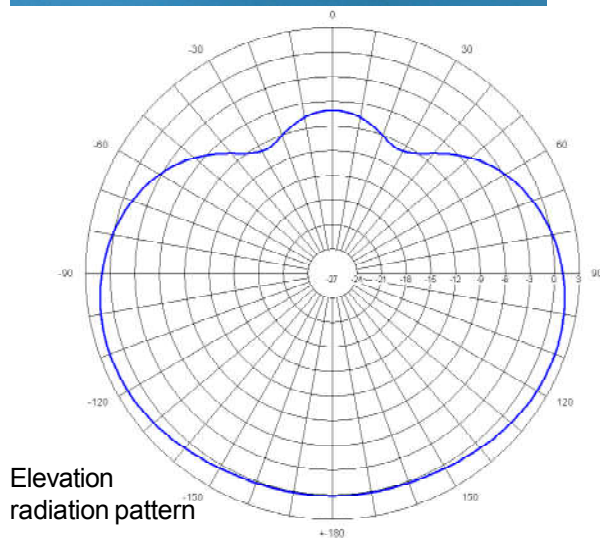
Designation	Frequency	Diameter (radome)	Height	Weight
WHO145	1.3-1.6 GHz	120 mm (4.7")	145 mm (5.7")	765g (27oz)
WHO180	1.7-1.9 GHz	98 mm (3.9")	139 mm (5.5")	560g (20oz)
WHO225	2.0-2.5 GHz	80 mm (3.2")	138 mm (5.4")	385g (14oz)
WHO245	2.2-2.7 GHz	80 mm (3.2")	138 mm (5.4")	385g (14oz)
WHO340	3.1-3.7 GHz	55 mm (2.2")	110 mm (4.3")	240g (8oz)
WHO470	4.4-5.0 GHz	40mm (1.6")	90 mm (3.5")	265g (9oz) nb. ext. length
WHO555	5.2-5.9 GHz	34 mm (1.3")	80 mm (3.15")	110g (4oz)
WHO655	6.4-6.7 GHz	29 mm (1.1")	73.5mm (2.9")	35g (1oz) nb. SMA

Please ask us if you have a frequency requirement not listed here.



General Specifications:

Gain 2dBi
Polarization RHCP (or LHCP)
Return Loss 14dB
Power 20W
Connector Type N or SMA



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