

TACOTM)

A N T E N N A

BlackOut Counter Drone Dual Band 2.4/5.8 GHz Helical Antennas

Modern security demands cutting edge, reliable tools to protect people, places and things. TACO Antenna is a leading manufacturer of innovative, engineered antenna products for a wide range of uses. Our industry leading **BlackOut** counter drone series has been specifically developed to be an integrated component of your compact C-UAS devices.



TACO's specialized **BlackOut** series of counter drone antennas uses our circular polarized helical antenna design.

Our **BlackOut** DH24-58 models use our patented dual helical configuration. All three provide complete coverage in the 2.4 and 5.8 GHz frequencies, but with different gain and dimensions to better suit your specific need.

Experience the advantages of TACO's drone jamming design

With our **BlackOut** series of circularly polarized (CP) helical antennas integrated into your C-UAS

- *Maximum signal loss with the drone's LP antenna is only 3dB at any orientation*
- *Consistently and substantially stronger connection*
- *Ensures greater control of the target UAS*



SPECIFICATIONS

ELECTRICAL

MODEL	DH2412-5813-SMAF		DH2413-5814-SMAF		DH2415-5815-SMAF	
FREQUENCY	2.40-2.50 GHz	5.70-5.85 GHz	2.40-2.50 GHz	5.70-5.85 GHz	2.40-2.50 GHz	5.70-5.85 GHz
Connectors	2		2		2	
Gain - dBic	12	13	13	14	15	15
Impedance - Ohm	50		50		50	
VSWR	2:1		2:1		2:1	
F/B Ratio dB	>20		>20		>20	
Polarization	RHCP	LHCP	RHCP	LHCP	RHCP / LHCP or LHCP / RHCP	
HPBW - ° (GHz)	43	31	43	31	28	19
Connector Type	SMAF		SMAF		SMAF	
Max Input Power - W	100	50	100	50	100	50

MECHANICAL

Length From Bottom of Ground Plane – in (cm)	8.0 (20.3)		8.0 (20.3)		16.0 (40.6)	
Radome Diameter – in (cm)	2.0 (5.1)		2.0 (5.1)		2.0 (5.1)	
Ground Plane Diam – in (cm)	3.0 (7.6)		4.5 (11.3)		4.5 (11.3)	
Weight – lb (kg)	0.6 (0.27)		0.7 (0.3)		1.0 (0.5)	
Housing	Polycarbonate		Polycarbonate		Polycarbonate	
Color	Flat Black		Flat Black		Flat Black	
Mounting	4 studs		4 studs		4 studs	

PATTERNS

