

BCA-038

VHF Broadband Card Antenna



DESCRIPTION

The BCA-038 is a broadband card antenna that is optimized for frequencies between 30 to 800 MHz

Applications include signal intelligence (SIGINT), intelligence and surveillance and reconnaissance (ISR).



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SPECIFICATIONS

ELECTRICAL

Frequency Band	30 MHz to 800 MHz
Return Loss (Max S11)	≤ -0.17 at 30 MHz to 100 MHz ≤ -0.35 at 100 MHz to 180 MHz ≤ -0.9 at 180 MHz to 250 MHz ≤ -2.0 at 250 MHz to 325 MHz ≤ -7.0 at 325 MHz to 650 MHz ≤ -4.0 at 650 MHz to 800 MHz

Polarization	Vertical, Linear
Ground Plane	Ground Plane Independent
Connector	TNC Female

ENVIRONMENTAL

Operational Temp.	0°F to +140°F (-18°C to +60°C)
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MECHANICAL

Weight	1.5 lbs (0.68 kg)
Dimensions	10.1" L x 9.6" W x 0.6" Thick (25.7 cm L x 24.4 cm W x 1.5 cm Thick)
Mounting	Available Upon Request
Finish (Default)	FED-STD-595 37030 (Black)

MODEL NUMBERS

Black Color	BCA-038
White Color	BCA-038-W
Tan 686A Color	BCA-038-T
Green 383 Color	BCA-038-G
Aircraft Gray Color	BCA-038-AG