

N27 Marker Beacon Antennas

The N27 Antennas are rugged, lightweight antennas for the reception of 75 MHz marker beacon signals.

These low-drag antennas are designed for simple external mounting and require no cutting of airframe structural members. The largest hole required in the skin is for the connector.

Moisture proofing is assured by the dielectric foam filled, white polyester-fiberglass radomes. These skydrol resistant housings are fitted with metal leading edges for erosion protection.

The N27Antennas are designed to meet the performance specifications of antennas AT-134 and AT-536.



SPECIFICATIONS FOR: N27 MARKER BEACON ANTENNAS

ELECTRICAL	
Frequency Range	74.75 – 75.25 MHz
Center Frequency	75.0 MHz
VSWR	
At midband	< 1.5:1
74.8 – 75.2 MHz	< 5.0:1
Gain (Relative to isotropic)	-9 dB
Impedance	50 Ohms
Polarization	Horizontal
Power Handling	Receive only
MECHANICAL	
Connector	
N27-1	Female TNC
N27-2	Female C
N27-3	Female BNC
Weight	10 oz.
Type of Construction	Dielectric foam filled fiberglass housing with metal leading
Military	Qualified to MIL-T-5422E
FAA	TSO C35c
D0108 ENV CAT.	ABAAAAX

N27

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INCHES [CENTIMETERS]

Consult with factory for mounting specifications.

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