



# 7NF-7.8CGXXXP-XS-X ANTENNA FAMILY

## High Performance 7-Element CRPA

The 7NF-7.8CGXXXP-XS-X is a 7-element, high performance Controlled Reception Pattern Antenna (CRPA) designed for rugged applications such as military and aerospace. The CRPA is available in two options: Global Positioning System (GPS) L1/L2 coverage or Global Navigation Satellite System (GNSS) wideband coverage.

The CRPA is designed for ease of platform installation with all seven SMA connectors located centrally on the baseplate bottom, reducing the platform penetration requirement. For previous users of our 7NF-7CG1215P products, this CRPA product is compatible with a mounting hole and offers improved antenna performance with a more rugged enclosure for harsh environments.

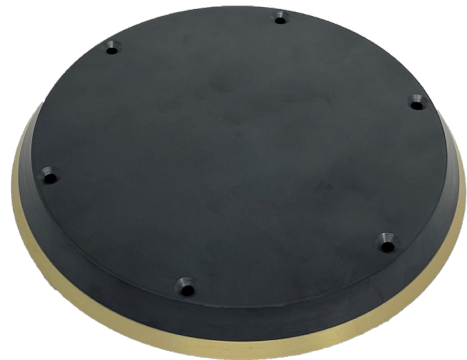
Please contact us for customization options.

### BENEFITS

- Multi-constellation, multi-frequency for assured position, navigation & timing (PNT)
- Lightweight and aerodynamic for airborne applications
- Mounting hole compatible for existing users of 7NF-7CG1215P products

### FEATURES

- GPS L1/L2 with M-code coverage
- Optional GNSS coverage adds:
  - GPS L5
  - GALILEO E1/E5a/E5b/E6
  - GLONASS L1/L2
  - BEIDOU B1/B2/B3
- Passive antenna (no power requirement)



### MECHANICAL

<b>Dimensions</b>	<b>Diameter: 7.8"</b> <b>Height: 0.84"</b>
<b>Weight</b>	<b>1.8 lbs</b>

### PART NUMBER DECODER

7NF-7.8CGXXXP-XS-X

**Frequency**  
1215 = GPS L1/L2  
GNSS = Wideband GNSS

**Color (PER AMS-STD-595)**  
1 = Gloss White #17925  
2 = Lusterless Gray #36320  
3 = Camo Green #34094  
4 = Unpainted Black  
5 = Desert Tan #33446

Contact Antcom for more information on electrical and mechanical specifications.

### CONTACT ANTCOM

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