

Comant CI 177-3

FM 2 Meter

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 177-3 FM 2 Meter

Designed for use over the public service FM Frequency band. Features the popular 3-hole mounting with the radiating element enclosed in a high strength tapered glass laminate housing.

Applications

Single and twin engine piston aircraft for applications of this antenna design. Consult your FBO or installation shop for best application information.

Frequencies Covered

148-174 MHz

Specifications

Electrical

| | |
|-----------|-------------|
| Frequency | 148-174 MHz |
|-----------|-------------|

| | |
|------|---------------|
| VSWR | 2.5:1 Maximum |
|------|---------------|

| | |
|--------------|----------|
| Polarization | Vertical |
|--------------|----------|

| | |
|-------------------|-----------------|
| Radiation Pattern | Omnidirectional |
|-------------------|-----------------|

| | |
|--------------|---------|
| Impedance RF | 50 Ohms |
|--------------|---------|

| | |
|---------------|--------------|
| Resistance DC | Open Circuit |
|---------------|--------------|

| | |
|----------|----------|
| Power RF | 50 Watts |
|----------|----------|

Mechanical

| | |
|--------|----------|
| Weight | 0.50 lbs |
|--------|----------|

| | |
|--------|-------------|
| Height | 14.5 inches |
|--------|-------------|

| | |
|----------|------------------------------------|
| Material | Die Cast housing / Fiberglass whip |
|----------|------------------------------------|

| | |
|--------|---------------------------|
| Finish | White Polyurethane Enamel |
|--------|---------------------------|

| | |
|-----------|--------------|
| Connector | BNC (female) |
|-----------|--------------|

Environmental

| | |
|-------------|----------------|
| Temperature | -55 C to +55 C |
|-------------|----------------|

| | |
|----------|-----------|
| Altitude | 30,000 ft |
|----------|-----------|

| | |
|----------|------------------------|
| Airspeed | 450 KTAS at 25,000 ft. |
|----------|------------------------|

Federal Specifications

| | |
|---------|------------|
| FAA TSO | C37b, C38b |
|---------|------------|

| | |
|--------------------|--------|
| RTCA Environmental | DO-138 |
|--------------------|--------|

| | |
|--------|--------|
| Gasket | C29205 |
|--------|--------|



WARNING: Use factory supplied drawings and specifications for installation. Refer to FAA AC 43.13-2B for installation guidelines.

For further information please contact:

Cobham SATCOM Airborne Systems
577 Burning Tree Road
Fullerton, California 92833 USA
Tel: (01) 714-870-2420
Fax: (01) 714-870-5133
Email: comant@cobham.com