

Comant CI 490-490

Single Channel Iridium™ SATCOM

COBHAM

The most important thing we build is trust

CI 490-490 Iridium SATCOM

Comant has developed the first Iridium band antenna that meets the FAA's tough, new TSO standard C159a. Newly designed narrow band patches provide unmatched efficiency.

The ComDat CI 490-490 is a high performance communications antenna specifically designed for Iridium systems, and features our standard round-format footprint and mounting.

Through a constellation of 66 low-earth orbiting (LEO) satellites, Iridium™ delivers essential communications services to and from areas where terrestrial communication are not available.

Applications

Most aircraft up to and including business jets. Consult your FBO or installation shop for best application information.

Used for airborne Iridium based telephony, email, asset tracking or safety services.

Frequencies Covered

Iridium 1616-1626.5 MHz

Specifications

RF Characteristics

Iridium TX / RX	1616-1626.5 MHz
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VSWR	1.5:1 Maximum
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Polarization	RHCP
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Radiation Pattern	Hemispherical
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Impedance RF	50 Ohms
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Power Handling - TX	6.5 Watts Average
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Lightning Protection	DC Grounded
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Gain	+3 dBic @ Zenith
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Mechanical

Weight	6.2 Ounces Maximum
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Speed	330 KIAS @ Sea Level
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Finish	Gloss White Paint
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Federal Specifications

FAA TSO	C159a
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RTCA Environmental	DO-160G
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WARNING: Use factory supplied drawings and specifications for installation. Refer to FAA AC 43.13-2B for installation guidelines.

Order at:

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Email: comantorders@cobham.com