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Data Sheet

August 15, 2026

COBHAM / AEROFLEX / IFR

IFR 7005 Power Supply Module

IFR Aeroflex 7005-4440-300 Power Supply Module Queue model 7005-4440-300 is the Cobham / Aeroflex / IFR 7005-4440-300 power supply module. Remaining-queue title states IFR 7005 Power Supply Module. IFR 7005-class supplies power communications test sets; 4440-300 is the remaining-queue stuffing. Exact rails and current are on the 7005-4440-300 label. Bulk rails in IFR/Aeroflex communications test sets that specify 7005-4440-300. Literature: IFR 7005-4440-300 power supply module listing Queue model 7005-4440-300 is the Cobham / Aeroflex / IFR 7005-4440-300 power supply module. Remaining-queue title states IFR 7005 Power Supply Module. IFR 7005-class supplies power communications test sets; 4440-300 is the remaining-queue stuffing. Exact rails and current are on the 7005-4440-300 label. Bulk rails in IFR/Aeroflex communications test sets that specify 7005-4440-300. Literature: IFR 7005-4440-300 power supply module listing Form Factor: test-set power supply module

**MODEL****Cobham / Aeroflex
/ IFR 7005-4440-
300****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****7005-4440-300****LISTING**<https://aumictechlabs.com/products/7005-4440-300-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Cobham / Aeroflex / IFR 7005-4440-300 is a power supply module designed for use within the Aeroflex 3900 Series test set platform, specifically identified as a component of the IFR 3902

Digital Radio Test Set. This module is engineered to provide the necessary power for the operation of the test set. While specific electrical specifications for the power supply module itself are not detailed in the provided documentation, the 3900 series platform offers features such as a color display with a graphical user interface, remote control via GPIB, and software upgrades via Ethernet and USB.

Technical Specifications

- * Manufacturer: Cobham / Aeroflex / IFR
- Product Type: Power Supply Module
- Model Number: 7005-4440-300
- Compatibility: Designed for use within the Aeroflex 3900 Series platform, specifically noted as a component of the IFR 3902 Digital Radio Test Set.

Related Components

The 7005-4440-300 Power Supply Module is one component within a larger system. Other identified modules for the Aeroflex 3900 Series / IFR 3902 Digital Radio Test Set include:

- * IFR 1700-4426-000 Controller Board
- IFR 7005-4441-900 Communications Module
- IFR 7005-4444-200 Synthesizer Generator Module
- IFR 1700-4422-900 RF Module
- IFR 1700-4420-600 Motherboard
- IFR 1700-4421-300 Communications Board
- IFR 1700-4423-100 Circuit Board
- IFR 1700-4423-200 RF Module
- IFR 7005-4440-900 Synthesizer Receiver Module

System Features (Aeroflex 3900 Series / IFR 3902)

While not direct specifications of the power supply module, the overall system it supports includes:

- * Platform Variants: Available in 1 GHz or 2.7 GHz frequency ranges.
- User Interface: Color display with an easy-to-use graphical user interface.
- Control and Upgrades: Remote control via GPIB; software upgrades via Ethernet and USB.
- Measurement Capabilities: Full meter range for power, RF error, SINAD, distortion, and modulation accuracy.
- Emulation: Supports 8920B emulation.
- Modulation Analysis: Features for internal AM and FM, with Total Harmonic Distortion (THD) less than 1%.
- Audio Performance: Audio generator frequency range from 20 Hz to 40 kHz with 50 ppm accuracy (10 ppm typical) and 0.1 Hz resolution.
- AF Counter range from 20 Hz to 20 kHz.

Why Choose Aumictech for Cobham / Aeroflex / IFR 7005-4440-300 Power Supply Module?

At Aumictech, we specialize in supplying high-end test and measurement equipment. Whether you need reliable power solutions for critical test setups, components for complex instrumentation, or modules to maintain legacy systems, our team ensures that critical components like the Cobham / Aeroflex / IFR 7005-4440-300 Power Supply Module deliver maximum performance for your application.

7005 Characteristics / Specifications

PARAMETER	VALUE
Model	7005-4440-300
Instrument Type	power supply module
Manufacturer	Cobham / Aeroflex / IFR
Literature	IFR 7005-4440-300 power supply module listing
Family	IFR 7005 supplies
Form Factor	test-set power supply module
System Role	power supply module
Brand Lineage	IFR Aeroflex Cobham
Queue Title	IFR 7005 Power Supply Module
Documentation Type	OEM 7005-4440-300 listing
Use Case	Bulk rails in IFR/Aeroflex communications test sets that specify 7005-4440-300
Vendor Path	Cobham / Aeroflex / IFR
Year Class	7005-4440-300 generation
Application Class	power supply module
Module Class	power supply module
Host Class	instrument host per drawing
Connector Class	connectors on the 7005-4440-300 drawing
Ate Class	test-set power
Control Class	7005-4440-300 front panel / firmware
Environment Class	ambient on the 7005-4440-300 sheet
Mains Class	mains on the 7005-4440-300 nameplate
Voltage Class	volts on the 7005-4440-300 nameplate
Current Class	amperes on the 7005-4440-300 nameplate
Base Model	7005
Config	4440-300 remaining-queue suffix

PARAMETER	VALUE
Rail Class	output rails on the 7005-4440-300 label

7005 Specifications

PARAMETER	VALUE
Applications	Bulk rails in IFR/Aeroflex communications test sets that specify 7005-4440-300.
Key Features	IFR 7005-4440-300 power supply module
Technical Specifications	Model: 7005-4440-300
Notes	From remaining-queue title (IFR 7005-4440-300 power supply module). Rails and current are on the 7005-4440-300 label.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications	
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Model	7005-4440-300
Instrument Type	power supply module
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Base Model	7005
Config	4440-300 remaining-queue suffix

PARAMETER

VALUE

Rail Class

output rails on the 7005-4440-300 label

Notes

From remaining-queue title (IFR 7005-4440-300 power supply module). Rails and current are on the 7005-4440-300 label.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.