

**Aumictech**

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Data Sheet

August 15, 2026

CURTISS-WRIGHT

Curtiss-Wright CBL-416-020 CHAMP-AV IV Front Panel Serial Cable Assembly

The Curtiss-Wright CBL-416-020 is a front panel serial cable assembly engineered for direct integration with CHAMP-AV IV processing modules. This shielded cable assembly provides serial interface connectivity between module connectors and external devices, enabling front panel access for system communication and configuration. Built with durable materials for industrial and laboratory environments, the assembly maintains signal integrity across serial data transmission protocols. Proprietary connector design at module end ensures secure mating with CHAMP-AV IV hardware Standard serial port connectors at front panel end for external device integration Shielded construction minimizes electromagnetic interference and preserves signal integrity



MODEL

**Curtiss-Wright
CBL-416-020**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

CBL-416-020

LISTING

<https://aumictechlabs.com/products/cbl-416-020-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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laboratory environments, the assembly maintains signal integrity across serial data transmission protocols. Technical Specifications Manufacturer: Curtiss-Wright Model Number: CBL-416-020 Product Type: Front panel serial cable assembly Cable Construction: Shielded Primary Application: CHAMP-AV IV module front panel serial communication Key Features Proprietary connector design at module end ensures secure mating with CHAMP-AV IV hardware Standard serial port connectors at front panel end for external device integration Shielded construction minimizes electromagnetic interference and preserves signal integrity Durable industrial-grade cable materials resist wear in demanding operational environments Typical Applications Front panel serial access for CHAMP-AV IV module configuration System-level serial communication within chassis-integrated computing architectures Direct connection between embedded processing modules and external test equipment or control systems Compatibility & Integration Designed exclusively for Curtiss-Wright CHAMP-AV IV modules, this cable assembly integrates directly into systems utilizing CHAMP-AV IV processing architecture. The proprietary module-end connector ensures proper signal routing and mechanical fit with CHAMP-AV IV connectors, while the front panel end accommodates standard serial interfaces for host system connection. Consult CHAMP-AV IV module technical documentation for pinout specifications and exact connector types.

CBL416020 Characteristics / Specifications

PARAMETER	VALUE
Model	CBL-416-020
Brand	Curtiss-Wright
Catalog Title	Curtiss-Wright CBL-416-020 CHAMP-AV IV Front Panel Serial Cable Assembly
Sku	CBL-416-020
Product Class	cable or lead accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	CBL-416-020
Manufacturer Line	Curtiss-Wright
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	CBL-416-020
Brand	Curtiss-Wright
Catalog Title	Curtiss-Wright CBL-416-020 CHAMP-AV IV Front Panel Serial Cable Assembly
Sku	CBL-416-020
Product Class	cable or lead accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	CBL-416-020
Manufacturer Line	Curtiss-Wright
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise

PARAMETER	VALUE
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

Notes

ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.