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Data Sheet

August 15, 2026

COMTECH PST

Comtech PST BHE2758 High Power Amplifier 200W

The Comtech PST BHE2758-200 is a high-power RF amplifier designed for demanding applications. It operates within the 2.7 to 5.8 GHz frequency range and delivers substantial output power. This amplifier is suitable for use in communication systems, radar, and electronic warfare.



MODEL

**Comtech PST
BHE2758-200**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

BHE2758-200

LISTING

<https://aumictechlabs.com/products/bhe2758-200-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Comtech PST BHE2758-200 is a high-power RF amplifier designed for demanding applications within the 2.7 to 5.8 GHz frequency range, delivering substantial output power. This amplifier is engineered for use in communication systems, radar, and electronic warfare.

Technical Specifications * Model: Comtech PST BHE2758-200 Frequency Range: 2.7 to 5.8 GHz Output Power: Not explicitly specified in the provided search results for the BHE2758-200 model. However, other models in the BHE2758 series (e.g., BHE2758-500, BHE2758-800) offer 500W and 800W respectively, and a different model, the BHE2758-100, operates at 100W. Additionally, a BHE2758-500 model is listed with 500W output power and a 20-500 MHz frequency range, which differs from the stated 2.7-5.8 GHz for the BHE2758-200. Another listing for a BHE2758-100

indicates a frequency range of 20 MHz to 500 MHz and 100 Watts of rated output power. Gain: Not explicitly specified for the BHE2758-200. P1dB: Not explicitly specified for the BHE2758-200. Harmonics: Not explicitly specified for the BHE2758-200. Spurious: Not explicitly specified for the BHE2758-200. Input VSWR: Not explicitly specified for the BHE2758-200. Output Load VSWR: Not explicitly specified for the BHE2758-200. Modulation Format: Capable of handling AM, FM, Phase, CW, and Pulse modulation. Cooling: Forced-air cooled (blower type) is a common feature for similar Comtech PST rack-mounted units. Power Supply: Internal universal AC power supply is a feature in some Comtech PST rack-mounted units. Connectors: Type-N connectors are typically used for RF input/output in Comtech PST amplifiers. Electrical Specifications * AC Input: For similar rack-mounted models, an AC input of 100-265VAC, 50-60Hz, 1-Phase is common. Interfaces * Control Interface: Ethernet interface with GUI control is available on some Comtech PST rack-mounted units. RS-422 is also mentioned for control in other Comtech PST models. Physical Specifications * Dimensions: For the BHE2758-200, dimensions are listed as 5.22 inches (Height) x 13.26 inches (Width) x 13.26 inches (Length) or 13.26 cm (Height) x 13.26 cm (Width) x 40 cm (Length). However, another source lists dimensions for a BHE2758-500 as 5.22 x 13.26 x 13.94 inches (13.26 x 35.4 x 35.4 cm). A different model (BHE1858-1100) is listed with dimensions of 12.22 x 8.72 inches. Weight: For the BHE2758-200, weight is listed as 40 lbs. For a similar rack-mounted unit (BHE2758-500), the weight is 180 lbs. A BHE1858-1100 weighs 237 lbs. Rack Mount: Some Comtech PST amplifiers are available in a 19-inch rack-mountable configuration. Compatibility * Applications: Communications systems, radar, electronic warfare, ground mobile or fixed, surface, and airborne platforms. Environmental Specifications * Operating Temperature: -10°C to +50°C for similar models. Humidity: 95% non-condensing for similar models. Altitude: 10,000 feet for similar models. Shock/Vibration: MIL-STD-810G compliant for similar models. Documentation * Manuals: Technical manuals for Comtech PST amplifiers are available, including series BHE documentation. Why Choose Aumictech for Comtech PST BHE2758-200? At Aumictech, we specialize in supplying high-end RF amplifier equipment. Whether you need advanced power amplification, reliable performance across demanding frequency ranges, or solid solutions for communication, radar, and electronic warfare systems, our team ensures the Comtech PST BHE2758-200 delivers maximum performance for your application.

BHE2758200 Characteristics / Specifications

PARAMETER	VALUE
Model	BHE2758-200
Base Model	BHE2758
Instrument Type	High power RF amplifier
Power Class	200 W
Manufacturer	Comtech PST
Literature	Comtech PST BHE2758 high power amplifier 200 W listings
Family	Comtech PST BHE high power amplifiers
Brand Lineage	Comtech PST
Form Factor	high power RF amplifier
System Role	200 W RF drive
Use Case	EMC/communications high power RF
Documentation Type	OEM BHE2758-200 listing
Year Class	BHE2758
Application Class	RF power
Vendor Path	Comtech PST
Related Ar18	AR1819-25 25 W RF amplifier
Documentation Class	OEM BHE2758 catalog
Control Class	RF amplifier
Companion Role	Comtech PST amplifier family
Operating Mode	high power RF amplification
Instrument Class	RF amplifier
Frequency Class	per BHE2758 data sheet
Gain Class	per BHE2758 data sheet
Connector Class	per BHE2758 data sheet
Cooling Class	high power RF cooling

PARAMETER	VALUE
Enclosure Class	BHE2758 chassis
Input Class	RF drive
Output Class	200 W RF
VsWR Class	per BHE2758 data sheet

BHE2758200 Specifications

PARAMETER	VALUE
Applications	200 W RF drive for EMC, communications, and high-power laboratory amplifiers.
Key Features	BHE2758 high power amplifier
EMC and communications drive	Companion to AR1819-25
Technical Specifications	Model: BHE2758-200
Notes	From Comtech PST BHE2758-200 listings (high-power amplifier 200 W). Frequency range, gain, and connectors are on the BHE2758 data sheet.

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	
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PARAMETER	VALUE
Model	BHE2758-200
Base Model	BHE2758
Instrument Type	High power RF amplifier
Power Class	200 W
Manufacturer	Comtech PST
Literature	Comtech PST BHE2758 high power amplifier 200 W listings
Family	Comtech PST BHE high power amplifiers
Brand Lineage	Comtech PST
Form Factor	high power RF amplifier
System Role	200 W RF drive
Use Case	EMC/communications high power RF
Documentation Type	OEM BHE2758-200 listing
Year Class	BHE2758
Application Class	RF power
Vendor Path	Comtech PST
Related Ar1819	AR1819-25 25 W RF amplifier
Documentation Class	OEM BHE2758 catalog
Control Class	RF amplifier
Companion Role	Comtech PST amplifier family
Operating Mode	high power RF amplification
Instrument Class	RF amplifier
Frequency Class	per BHE2758 data sheet
Gain Class	per BHE2758 data sheet
Connector Class	per BHE2758 data sheet
Cooling Class	high power RF cooling
Enclosure Class	BHE2758 chassis

PARAMETER	VALUE
Input Class	RF drive
Output Class	200 W RF
VsWR Class	per BHE2758 data sheet

Notes
From Comtech PST BHE2758-200 listings (high-power amplifier 200 W). Frequency range, gain, and connectors are on the BHE2758 data sheet.

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.