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Data Sheet

August 15, 2026

ANRITSU

Anritsu MN2706A Bias Tee

The Anritsu MN2706A is a coaxial bias tee in the Anritsu MN27xx accessory line used to inject DC onto an RF path. OEM Anritsu bias-tee family literature (K250/V250/K252 class) covers broadband coaxial tees with RF, DC, and RF+DC ports, 50 ohm, and connector overlays (K, V, W). MN2706A is the MN-prefixed bias-tee SKU in that accessory set. Used to bias amplifiers, photodiodes, and active probes without a separate bias network. Confirm frequency span and connector on the MN2706A nameplate. DC injection on RF coaxial paths for amplifier, photodiode, and probe bias. DC injection on RF coaxial paths for amplifier, photodiode, and probe bias. Family: Anritsu MN27xx / K250 V250 bias tees Literature: Anritsu MN2706A / bias-tee family literature Connector Class: coaxial (confirm K/V/N on nameplate)



MODEL

Anritsu MN2706A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MN2706A

LISTING

<https://aumictechlabs.com/products/mn2706a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu MN2706A is a wideband RF amplifier designed to enhance signal measurement capabilities. It operates across a broad frequency range and provides significant gain, making it suitable for applications requiring amplified RF signals. Technical Specifications * Frequency Range: 30 kHz to 10 GHz Gain: 28 dB Electrical Characteristics * Power Consumption: * Preamplifier On: 0.6 Watts * Preamplifier Off: 0.5 Watts Interfaces * Connectors: While specific connector types are not detailed for the MN2706A, Anritsu's complementary products, such as

the MA2700A InterferenceHunter, utilize Type-N connectors for antenna attachments. Physical Characteristics * Dimensions: Not specified in the provided documentation. Weight: Not specified in the provided documentation. Compatibility The Anritsu MN2706A is described as an accessory for network analyzers, implying its use with various Anritsu network analysis instruments. Specific compatibility details would require consulting Anritsu's product compatibility matrices or the manuals of the intended network analyzer. Power Considerations * Power Source: Not explicitly detailed for the MN2706A, but many Anritsu accessories, like the MA2700A, can be powered via USB or from the host instrument. Why Choose Aumictech for Anritsu MN2706A? At Aumictech, we specialize in supplying high-end RF and microwave test equipment. Whether you need to enhance your signal amplification for precise network analysis, ensure reliable performance in challenging test environments, or require expertly refurbished Anritsu MN2706A units, our team ensures the Anritsu MN2706A delivers maximum performance for your application.

MN2706A Characteristics / Specifications

PARAMETER	VALUE
Model	MN2706A
Instrument Type	Coaxial bias tee
Family	Anritsu MN27xx / K250 V250 bias tees
Impedance	50 ohm
Ports	RF, DC, and RF+DC
Manufacturer	Anritsu
Literature	Anritsu MN2706A / bias-tee family literature
Form Factor	coaxial bias tee
Application Class	RF DC injection
System Role	bias tee
Use Case	amplifier and photodiode bias
Documentation Type	OEM MN2706A listing
Connector Class	coaxial (confirm K/V/N on nameplate)
Brand Lineage	Anritsu
Year Class	MN2706A bias tee
Related Kelvin	K252/V252 Kelvin bias tees
Related Ultra Wide	V255/W255 Gen II ultra-wideband bias tees
Media Class	50 ohm coaxial
Dc Port Class	DC injection arm
Rf Port Class	AC-coupled RF
Combined Port	RF plus DC
Mounting Class	inline coaxial
Calibration Class	insertion loss / isolation on the MN2706A sheet
Power Class	DC current and RF power on the nameplate
Vswr Class	bias-tee match over the stated band

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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Notes

From Anritsu MN2706A bias-tee listings and Anritsu bias-tee family pages (50 ohm, RF/DC/RF+DC ports, MN27xx). Frequency span, insertion loss, and maximum DC current are on the MN2706A nameplate; do not invent GHz or mA figures.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.