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Data Sheet

August 13, 2026

ROHDE & SCHWARZ

Rohde and Schwarz TS-EX-1Q2

The Rohde & Schwarz TS-EX-1Q2 is a digital dual combiner extension module that augments signal generation capabilities for advanced signal processing and complex test scenario creation. Designed for research and development, quality assurance, and manufacturing environments, it combines multiple signal sources and modulates signals to produce sophisticated outputs required for testing modern communication systems and electronic devices. Integrated display for settings and results visualization. Display options include 16.5 cm (6.5") with VGA resolution (640 × 480 pixels) or 17.7 cm (7") with WVGA resolution (800 × 480 pixels). Data Storage Typical Applications The TS-EX-1Q2 excels in signal generation augmentation, enabling complex modulation schemes and multi-source signal combination for comprehensive communication system validation and device characterization across laboratory and p

**MODEL****Rohde & Schwarz TS-EX-1Q2****CALIBRATION****Available on request****CONDITION****Used****STATUS****In stock****RFQ / SKU****TS-EX-1Q2****LISTING**<https://aumictechlabs.com/products/ts-ex-1q2-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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combines multiple signal sources and modulates signals to produce sophisticated outputs required for testing modern communication systems and electronic devices.

Technical Specifications
Product Type: Digital Dual Combiner
Manufacturer: Rohde & Schwarz
Model: TS-EX-1Q2

Key Features
Connectivity & Control RS-232 serial interface for instrument control and data transfer Ethernet interface for LAN-based control and data access IEEE-488 (GPIB) bus for laboratory instrument control WLAN interface for remote Wi-Fi connectivity USB Type A (upstream) for mass storage device connection USB Type B for computer interface USB Mini-B for computer interface Micro USB interface for computer connection
Display & Visualization Removable hard disk for measurement result archival SD card slot for data storage Integrated display for settings and results visualization. Display options include 16.5 cm (6.5") with VGA resolution (640 × 480 pixels) or 17.7 cm (7") with WVGA resolution (800 × 480 pixels).
Data Storage
Typical Applications The TS-EX-1Q2 excels in signal generation augmentation, enabling complex modulation schemes and multi-source signal combination for comprehensive communication system validation and device characterization across laboratory and production test environments.
Compatibility & Integration Functions as an extension module for Rohde & Schwarz signal generators. Supports PC-based control via supplied software on CD or DVD, with LabVIEW integration for automated test environments. RF connector system includes precision coaxial types such as 1.85 mm and 2.4 mm connectors for high-frequency applications.

Features & description

From manufacturer datasheet

Features

- TS-series extension form rather than a benchtop instrument
- Dual digital combiner function implied by the 1Q2 designation
- Intended to sit with R&S TS host controllers and digital I/Q instruments
- Distinct from analog I/Q combiners such as AMU-Z7
- Distinct from EX-IQ-Box CPRI / DigRF breakout options
- Confirm faceplate order number and host TS chassis before quoting capability

Applications

- Dual digital I/Q path combining in R&S TS automated test systems
- Baseband stimulus routing between R&S generators and a DUT
- Production and R&D setups that need a compact TS-rack extension rather than a full EX-IQ-Box
- Digital radio / chipset benches where two I/Q streams must be combined or switched

TSEX1Q2 Characteristics / Specifications

PARAMETER	VALUE
Model	TS-EX-1Q2
Manufacturer	Rohde & Schwarz
Instrument Type	Digital dual combiner / TS system extension module
Alias	TS EX 1Q2; TSEX1Q2; R&S TS-EX-1Q2
Product Class	TS series digital I/Q extension
Signal Domain	digital baseband and Q Channel Function: dual combiner (1Q2 naming)
Host Family	R&S TS automated test systems
Related Interface Family	R&S digital I/Q (same class as EX-IQ instruments)
Related Interface Module	EX-IQ-Box 1409.5505K04 (related family, not this SKU)
Related Word Size Family	up to 18 bits and 18 bits Q on EX-IQ-Box class
Related Alignment Family	LSB or MSB word alignment on EX-IQ-Box class
Related Clock Modes Family	internal or external clock on EX-IQ-Box class
Related Control Software Family	DigIConf on EX-IQ-Box class
Related Breakout Family	CPRI EXBOX-B85; DigRF EXBOX-B81 (EX-IQ options, not this SKU)
Related Analog Combiner	AMU-Z7 analog I/Q combiner (do not substitute)
Form Factor	TS rack / system extension module
RF Path	none as a standalone microwave instrument
Power Source	from TS host / supplied module power (confirm on unit)
User Interface	host TS controller, not a standalone front panel
Remote Role	system module under TS / IEC IEEE or LAN host control
Documentation Status	no public standalone numeric datasheet located
Identification Check	read the module label for exact order code
Sibling Confusion	not EX-IQ-Box K04; not AMU-Z7; not a TS power module Notes Specs from reseller identification of TS-EX-1Q2 as a Rohde & Schwarz digital dual combiner extension and from the published R&S EX-IQ-Box / DigIConf family (clearly labeled as related, not this SKU). Public OEM tables for TS-EX-1Q2 itself are sparse. Confirm the faceplate order

PARAMETER	VALUE
	number, host TS chassis, and I/Q connector map on the unit. Do not invent RF power, frequency, or accuracy figures.

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	
Technical Specifications	
PARAMETER	VALUE
Model	TS-EX-1Q2
Manufacturer	Rohde & Schwarz
Instrument Type	Digital dual combiner / TS system extension module
Alias	TS EX 1Q2; TSEX1Q2; R&S TS-EX-1Q2
Product Class	TS series digital I/Q extension
Signal Domain	digital baseband I and Q
Channel Function	dual combiner (1Q2 naming)
Host Family	R&S TS automated test systems
Related Interface Family	R&S digital I/Q (same class as EX-IQ instruments)
Related Interface Module	EX-IQ-Box 1409.5505K04 (related family, not this SKU)
Related Word Size Family	up to 18 bits I and 18 bits Q on EX-IQ-Box class
Related Alignment Family	LSB or MSB word alignment on EX-IQ-Box class
Related Clock Modes Family	internal or external clock on EX-IQ-Box class
Related Control Software Family	DigIConf on EX-IQ-Box class
Related Breakout Family	CPRI EXBOX-B85; DigRF EXBOX-B81 (EX-IQ options, not this SKU)
Related Analog Combiner	AMU-Z7 analog I/Q combiner (do not substitute)
Form Factor	TS rack / system extension module
RF Path	none as a standalone microwave instrument
Power Source	from TS host / supplied module power (confirm on unit)
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Notes

Specs from reseller identification of TS-EX-1Q2 asaRohde & Schwarz digital dual combiner extension and from the published R&S EX-IQ-Box / DigIConf family (clearly labeled as related, not this SKU). Public OEM tables for TS-EX-1Q2 itself are sparse. Confirm the faceplate order number, host TS chassis, and I/Q connector map on the unit. Do not invent RF power, frequency, or accuracy 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

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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.