

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 3, 2026

ROHDE & SCHWARZ

Rohde & Schwarz ESR26 EMI Test Receiver, 9 kHz to 26.5 GHz

Rohde & Schwarz ESR26 EMI Test Receiver 9 kHz to 26.5 GHz The R&S®ESR26 provides an EMI test receiver covering 9 kHz to 26.5 GHz (DC-coupled RF input 1) for broadband EMC compliance. Like the ESR3/ESR7, it combines EMI receiver, spectrum analyzer, and optional real-time spectrum analysis (ESR-K55) with FFT time-domain scan for fast CISPR testing. RF input 1 uses an APC 3.5 mm / N test-port adapter class interface; input 2 is N to 1 GHz. Full-band EMI compliance to 26.5 GHz; microwave disturbance measurements; spectrum analysis; time-domain EMI scanning. The R&S®ESR26 provides an EMI test receiver covering 9 kHz to 26.5 GHz (DC-coupled RF input 1) for broadband EMC compliance. Like the ESR3/ESR7, it combines EMI receiver, spectrum analyzer, and optional real-time spectrum analysis (ESR-K55) with FFT time-domain scan for fast CISPR testing. RF input 1 uses an APC 3.5 mm / N test-port adapter class interface; input 2 is N to 1 GHz. Full-band EMI compliance to 26.5 GHz; microwave disturbance measurements; spectrum analysis; time-domain EMI scanning.

No photo

MODEL

**Rohde & Schwarz
ESR26**

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

ESR26

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- Frequency: input 1 DC-coupled 9 kHz–26.5 GHz; AC-coupled 10 MHz–26.5 GHz; input 2 DC 9 kHz–1 GHz
- Optional ESR-B29: from 10 Hz DC-coupled to max frequency
- EMI receiver + spectrum analyzer + optional real-time SA
- Time-domain FFT scan; CISPR bandwidths and detectors
- Display: 8.4" TFT 800×600
- RF input 1: 50 Ω , APC 3.5 mm/N female adapter; input 2: N female
- Attenuator: 0–75 dB (5 dB) / 10–75 dB depending on coupling path
- Power ~175 W typ. (max 250 W with options); weight ~14.6 kg
- Dimensions: 412 × 197 × 517 mm

ESR26 Characteristics / Specifications

PARAMETER	VALUE
Model	R&S®ESR26
Manufacturer	Rohde & Schwarz
Instrument Type	EMI Test Receiver
Alias	ESR26 Frequency Range
Input 1 AC	10 MHz to 26.5 GHz
Input 1 DC	9 kHz to 26.5 GHz
Input 2 DC	9 kHz to 1 GHz
Dimensions	412 × 197 × 517 mm
Net Weight	14.6 kg (32.19 lb) without options
Recommended calibration interval	1 year Standard Operating Conditions Total measurement uncertainty tables typically for +20 °C to +30 °C, stated confidence level. Protect microwave connectors; use torque wrench on 3.5 mm adapters. Operational Notes ESR26 extends coverage well beyond ESR3 (3.6 GHz). Confirm options (preamp, OCXO, K55, B29) for the specific serial number.
Frequency	input 1 DC-coupled 9 kHz–26.5 GHz; AC-coupled 10 MHz–26.5 GHz; input 2 DC 9 kHz–1 GHz
Optional ESR-B29	from 10 Hz DC-coupled to max frequency
Display	8.4" TFT 800×600
RF input 1	50 Ω, APC 3.5 mm/N female adapter; input 2: N female
Attenuator	0–75 dB (5 dB) / 10–75 dB depending on coupling path

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	R&S®ESR26
Manufacturer	Rohde & Schwarz
Instrument Type	EMI Test Receiver
Alias	ESR26
Frequency Range	
Frequency Range	
PARAMETER	VALUE
Input 1 AC	10 MHz to 26.5 GHz
Input 1 DC	9 kHz to 26.5 GHz
Input 2 DC	9 kHz to 1 GHz
With ESR-B29: 10 Hz to 26.5 GHz	
DANL (analyzer mode, RF att 0 dB, preamp off, 1 Hz normalized – ESR26)	
9 kHz–100 kHz: < –130 dBm, –140 dBm (typ.)	
100 kHz–1 MHz: < –145 dBm, –150 dBm (typ.)	
1 MHz–1 GHz: < –150 dBm, –153 dBm (typ.)	
1 GHz–3.6 GHz: < –147 dBm, –150 dBm (typ.)	
3.6–6 GHz: < –144 dBm, –147 dBm (typ.)	
6–7.4 GHz: < –141 dBm, –144 dBm (typ.)	
7.4–13.6 GHz: < –145 dBm, –148 dBm (typ.)	
13.6–15 GHz: < –143 dBm, –146 dBm (typ.) (Higher bands per OEM ESR specifications table through 26.5 GHz)	
VSWR (RF att ≥10 dB, DC, examples)	
10 Hz–1 GHz: < 1.2; 1–3.6 GHz: < 1.5 (1.3 typ.); 3.6–20 GHz: < 2 (1.8 typ.); 20–26.5 GHz: < 2.2 (2 typ.)	
General	
Specifications	
PARAMETER	VALUE
AC	100–240 V ±10%; ~175 W (meas.), max 250 W with options
Dimensions	412 × 197 × 517 mm
Net Weight	14.6 kg (32.19 lb) without options
Recommended calibration interval	1 year

Standard Operating Conditions

Total measurement uncertainty tables typically for +20 °C to +30 °C, stated confidence level. Protect microwave connectors; use torque wrench on 3.5 mm adapters.

Operational Notes

ESR26 extends coverage well beyond ESR3 (3.6 GHz). Confirm options (preamp, OCX0, K55, B29) for the specific serial number.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

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

Aumictech

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NIST-traceable calibration · SAM registered ·
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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.