

Portable RS4

Tier 1



Bender RS4 signal power monitoring is trusted across the UK rail network for continuously monitoring insulation condition, and supporting rapid earth-fault location on railway signal power systems.

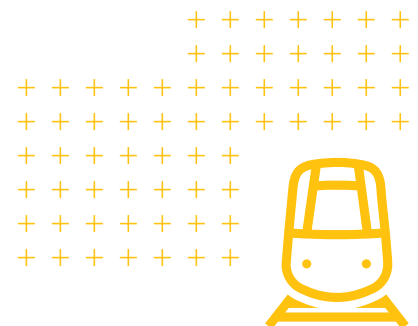
The Portable RS4 Tier 1 offers an excellent solution for achieving Tier 1 visibility at a specific site, whether you're carrying out maintenance or investigating intermittent faults. It is a flexible option that lets you deploy monitoring precisely when and where you need it, without the commitment of a permanent installation.

Practical benefits on-site

- Deploy quickly where you need it - ideal for investigations and planned works
- Reduce fault-finding time by narrowing the search area and confirming upstream/downstream direction
- Maintain visibility over time to spot developing issues before they become disruptive failures
- Test cable and switchgear without disconnection to minimise disruption and rework

Where it helps

- Rapid response fault finding when time on track is limited
- Intermittent faults (e.g., weather-related): deploy locally to confirm when and where insulation performance changes
- Trend monitoring for days or weeks to identify patterns and early degradation (requires connection to mains power)



What is included

A battery-powered Tier 1 FSP monitoring system, housed in a lightweight, compact, IP65 waterproof Pelicase, provides contractors and Network Rail teams with a fast way to bring proven RS4 monitoring to the point of need. It is a flexible alternative to our Tier 1 fixed deployments, proven in 200 locations.

- Connections for three current transformers - suitable for spurs, rings and radials.
- Includes the new CTBS60 current transformer, designed to work with all cable sizes currently used by Network Rail for signal power.
- Up to 12-hour battery operation for flexible deployment
- Bender Connect set-up - our UK technical engineers configure your account for cloud-based monitoring and remote visibility

Optional extras

- Mains power connection for longer-term monitoring
- Visual interface for quick checks without connecting a laptop

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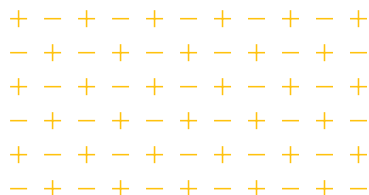
PADS approved

Portable Tier 1: 0054/213796 | CTBS60 split 60mm CT: 054/213742



Enquire now

Contact the Bender UK Rail Solutions Team to discuss your site requirements and request pricing for the Portable RS4 Tier 1.



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