

# TK851V010-3BSC950262R1

Connection Cable

## PUBLISHED IDENTITY

ABB TK851V010, article 3BSC950262R1, is a 1.0 m connection cable listed for the Compact Product Suite. The published catalog assigns it to RCU Link and BC810 interconnection duties.

## Technical snapshot

|                       |                                              |
|-----------------------|----------------------------------------------|
| Product role          | Connection cable                             |
| Type designation      | TK851V010                                    |
| ABB article number    | 3BSC950262R1                                 |
| Published length      | 1.0 m                                        |
| Documented use 1      | RCU Link Cable                               |
| Documented use 2      | BC810 Interconnection Cable                  |
| Product documentation | Compact Product Suite product catalog        |
| Selection identity    | Type designation and article number together |

## Verified related ApterPower product pages

ABB DI811 3BSE008552R1

ABB TU831V1 3BSE013235R1

# Engineering data

Official evidence organized for exact-model review

|                    |                             |
|--------------------|-----------------------------|
| Product role       | Connection cable            |
| Type designation   | TK851V010                   |
| ABB article number | 3BSC950262R1                |
| Published length   | 1.0 m                       |
| Documented use 1   | RCU Link Cable              |
| Documented use 2   | BC810 Interconnection Cable |

|                             |                                                            |
|-----------------------------|------------------------------------------------------------|
| Product documentation       | Compact Product Suite product catalog                      |
| Selection identity          | Type designation and article number together               |
| Installed-interface control | Verify the RCU Link or BC810 connection record             |
| Connector control           | Match both installed mating interfaces before reconnection |
| Routing control             | Preserve the approved cabinet route and retention points   |
| Acceptance basis            | Verify the affected link diagnostics after installation    |

## EVIDENCE BOUNDARY

Confirm the complete TK851V010 and 3BSC950262R1 marking together with the installed RCU or BC810 interface record before replacement.

# Applications and system role

Four distinct documented operating contexts

## RCU LINK INTERCONNECTION

Connects the approved redundant-control interface where the cabinet record specifies TK851V010.

## BC810 INTERCONNECTION

Provides the documented 1.0 m cable connection associated with an installed BC810 arrangement.

## CONTROLLED CABLE REPLACEMENT

Supports exact-identity replacement using both TK851V010 and 3BSC950262R1.

## CABINET MAINTENANCE

Allows a recorded cable route to be restored and checked without changing the approved architecture.

## Integration control

Treat the type code and article number as one identity when selecting or replacing this cable. Confirm whether the installed route serves the RCU Link or the BC810 interconnection, retain the original connector positions and cable routing, and inspect both mating interfaces before reconnection. After installation, restore the controller under the approved procedure and verify the affected link diagnostics.

## Verified related ApterPower product pages

[ABB DSBC174 3BSE012211R1](#)

[ABB SR511 3BSE000863R1](#)

# Technical questions

Complete model-specific answers from the approved evidence set

## What role does ABB TK851V010-3BSC950262R1 perform?

ABB TK851V010-3BSC950262R1 performs the documented role of a connection cable within its approved system architecture.

## How does the documentation identify published length for TK851V010-3BSC950262R1?

Documentation identifies published length for TK851V010-3BSC950262R1 as 1.0 m.

## Where does TK851V010-3BSC950262R1 fit in the published system?

Within the published architecture, TK851V010-3BSC950262R1 functions as the connection cable described for the installed equipment.

## When TK851V010-3BSC950262R1 is replaced, what must technicians verify?

Technicians must verify the installed documented use 2, mating hardware, wiring and approved configuration before energization.

## What published value is associated with abb article number on TK851V010-3BSC950262R1?

The published abb article number for TK851V010-3BSC950262R1 is 3BSC950262R1.

## Which value should be checked for documented use 1 when servicing TK851V010-3BSC950262R1?

Service personnel should check documented use 1 against the documented value of RCU Link Cable.

## Why must the complete TK851V010-3BSC950262R1 marking be recorded?

Recording the complete marking prevents a different suffix, rating or hardware configuration from being substituted during maintenance.

## Which acceptance check completes work on TK851V010-3BSC950262R1?

Commissioning is complete only after identity, wiring, diagnostics and every affected operating function have passed the approved checks.

# Product precautions

Eight aligned controls before return to service

1

Record both TK851V010 and 3BSC950262R1 before disconnecting the cable.

2

Place the controller and affected link in the approved maintenance state.

3

Identify whether the installed duty is the RCU Link or BC810 interconnection.

4

Label both cable ends and mating interfaces before removal.

5

Inspect the cable, connectors, contacts and retention hardware before reuse.

6

Restore the documented cabinet route without changing interface assignments.

7

Reconnect only after the exact mating points have been verified.

8

Confirm link diagnostics and document the final cable identity before release.

## Verified related ApterPower product pages

[ABB 07DI92](#)

[ABB 07KT92 GJR5250500R0902](#)

[ABB 07KR91 GJR5250000R0101](#)

[ABB 07KP90 GJR5251000R0202](#)

# Evidence and support

Manufacturer references, related products and direct contact

## Manufacturer evidence used

- ABB Compact Product Suite product catalog, TK851V010 cable entry.
- ABB catalog article mapping for TK851V010 and 3BSC950262R1.
- ABB catalog application entries for RCU Link Cable and BC810 Interconnection Cable.

## Verified related ApterPower product pages

ABB 07EB62R1 GJV3074342R1

ABB 07KP60R101 GJV3074360R101

ABB 07NG61R1 GJV3074311R1

ABB 07PS62R2 GJV3074332R2

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Fuji Electric 2MBI600VXA-120E-51

Fuji Electric NP1L-TMB

Allen-Bradley 2711P-RDT12H

Allen-Bradley 1762-L40BWA