

Siemens 6ES5734-1BD20

RS232/TTY Converter Cable

A 3.2 m serial PC cable with an integrated RS232/TTY converter for supported SIMATIC operator-panel connections.

01 3.2 m cable length	02 Integrated RS232/TTY converter	03 25-pin PC RS232 side	04 Legacy operator-panel service
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System position

Engineering PC serial port	25-pin RS232 connection	Integrated RS232/TTY conversion	Supported operator panel
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Evidence boundary

Only verified exact-model facts and explicitly identified family context are included. Similar codes are not treated as substitutes.

Verification focus			
● Siemens	● 6ES5734-1BD20	● 3.2 m cable length	● Legacy operator-panel service

Engineering domains and architecture

Manufacturer	Siemens
Order number	6ES5734-1BD20
Cable length	3.2 m
PC-side interface	Serial, 25-pin RS232

Conversion	Integrated RS232/TTY converter
Target class	Supported SIMATIC operator panels
Use boundary	Panel variant must be checked in the Siemens cable matrix

Interface architecture

Source connector PC serial 25-pin RS232	Signal conversion Integrated RS232 to TTY	Target equipment Operator-panel variants listed in the Siemens matrix	Maximum listed length 3.2 m for this order number
Transfer workflow Use the panel-specific engineering procedure	Continuity check Inspect both connectors and cable strain relief before use		

Use cases with controlled scope

Operator-panel configuration Serial project transfer to a supported legacy panel.	Service connection Temporary engineering link during controlled maintenance.	Interface conversion Translate PC RS232 signaling to the required TTY connection.	Legacy spare control Keep the exact converter cable with the documented panel service kit.
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INTEGRATION CHECKPOINTS

Identity Siemens 6ES5734-1BD20 is preserved in full.	Host system Rack, slot and surrounding hardware are verified.	Configuration Project, firmware and settings are recorded.	Acceptance Functional evidence is captured before release.
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System relationship

Engineering PC serial port	25-pin RS232 connection	Integrated RS232/TTY conversion	Supported operator panel
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Configuration control			
● PC-side interface: Serial, 25-pin RS232	● Conversion: Integrated RS232/TTY converter	● Target class: Supported SIMATIC operator panels	● Use boundary: Panel variant must be checked in the Siemens cable matrix

Decision matrix

Question	Answer
What is Siemens 6ES5734-1BD20?	It is a 3.2 m serial PC cable with an integrated RS232/TTY converter.
Which PC connector is documented for 6ES5734-1BD20?	The Siemens matrix lists a serial 25-pin RS232 PC connection.
Can a passive RS232 cable replace 6ES5734-1BD20?	No. This order number includes the RS232/TTY conversion function.
What must be checked on the operator-panel side?	Confirm the exact panel model and variant in the applicable Siemens target-hardware matrix.
Is 6ES5734-1BD20 suitable for every SIMATIC panel?	No. Use is limited to the panel families and variants shown in the Siemens cable matrix.
What should be inspected before use?	Check connector pins, shell retention, cable jacket and strain relief.
How should a transfer be closed?	Verify the loaded project on the target panel and document the cable and communication settings used.

Eight release precautions

1 Confirm the target panel and variant in the Siemens cable matrix.	2 Use the complete 6ES5734-1BD20 order number when selecting the cable.	3 Inspect connector pins, shells and strain relief before connection.	4 Do not substitute a passive serial cable for the integrated converter assembly.
5 De-energize or place the panel in the documented service state before connecting.	6 Secure the 3.2 m cable to prevent pull load on either connector.	7 Use the panel-specific transfer settings and communication procedure.	8 After transfer, confirm the panel project and remove the service cable safely.

Product verification and support

Apter Power verification record

Model identity	Keep the complete Siemens model code and every suffix in purchasing, installation and acceptance records.
Verification boundary	Confirm the physical nameplate, installed position and revision-controlled project documents before field work.
Apter Power support	Use the contact details and Apter Power website links in this document for product and sourcing support.

Related Apter Power products	Exact product page
Siemens 6DD1611-0AD0	View Siemens 6DD1611-0AD0
Siemens 6DS1211-8AA	View Siemens 6DS1211-8AA
Siemens 6DS1220-8AA	View Siemens 6DS1220-8AA
Siemens 6DS1223-8AA	View Siemens 6DS1223-8AA



Apter Power technical and sourcing support
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Scan for the Apter Power contact page.

Model record Siemens 6ES5734-1BD20 RS232/TTY Converter Cable Verify the complete nameplate before installation.

Source and identity trace		
● Exact identity: Siemens 6ES5734-1BD20	● Siemens Target Hardware cable matrix, order number 6ES5734-1BD20: 3.2 m, integrated RS232/TTY converter	● Siemens operator-panel hardware documentation, cable selection table