SIEMENS PRODUCT REFERENCE

6ES7288-6EC01-0AA0

Siemens SIMATIC S7-200 SMART 1 m I/O Expansion Cable

One-metre SIMATIC S7-200 SMART I/O expansion cable for a two-tier arrangement of compatible expansion modules.

Configuration at a glance

FUNCTION **I/O expansion link**	CABLE LENGTH **1 m**
ARRANGEMENT **Two-tier setup**	LIFECYCLE **Active Product**

Technical data for the exact article

SPECIFICATION	VERIFIED ARTICLE DATA
Article number	6ES7288-6EC01-0AA0
Product designation	S7-200 SMART expansion cable
Cable length	1 m
Intended arrangement	Two-tier expansion-module setup
Connector arrangement	Male-to-female expansion-bus cable
Weight in system manual	80 g
Current packaged net weight	0.115 kg
Package dimensions	18.5 x 12.6 x 4.2 cm
System family	SIMATIC S7-200 SMART
Current Siemens lifecycle	Active Product

Application guidance

Two-row panel layouts

Links compatible S7-200 SMART expansion modules when a single horizontal row is not practical.

Cabinet-space optimization

Allows a verified two-tier arrangement without treating the expansion bus as ordinary field wiring.

Retrofit panel re-layout

Supports relocation of an expansion-module tier while retaining the specified one-metre bus connection.

Service replacement

Restores a damaged or missing S7-200 SMART expansion link when the exact cable number has been confirmed.

Engineering verification notes

Use only as the expansion link

This is a system bus accessory, not an Ethernet, PROFIBUS, PROFINET or generic sensor cable.

Respect the one-metre design

Do not extend the cable with improvised connectors; maintain the Siemens-specified arrangement and connector orientation.

Questions engineers commonly ask

What does Siemens 6ES7288-6EC01-0AA0 connect?

It connects compatible SIMATIC S7-200 SMART expansion hardware in a two-tier arrangement. It carries the system expansion connection rather than ordinary field I/O signals.

What is the official length of the EC01 expansion cable?

The S7-200 SMART system manual lists a cable length of 1 m for article number 6ES7288-6EC01-0AA0.

Can this cable be used as a PROFINET or Ethernet patch lead?

No. Its documented purpose is the S7-200 SMART I/O expansion connection. Network communication cables must be selected separately for their specified interface.

How should the male and female connectors be oriented?

Follow the connection direction shown in the Siemens system manual. Inspect keying and alignment before insertion and never force a connector into the expansion interface.

DOCUMENT STATUS	Prepared by Moore Automation from the Siemens product records identified as Siemens SiePortal product page, Siemens S7-200 SMART System Manual. This independent reference is not a Siemens-issued manual and does not replace the current manufacturer documentation for installation, wiring, safety or certification.

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Before ordering, match the complete article number, hardware version, firmware, electrical design, wiring and application.