

PRODUCT
DASHBOARD

TC-301-02-4M5

Trusted TMR Expander Interface Communications Cable

ICS Triplex TC-301-02-4M5 is a 4.5 m screened LSZH communications cable for the Trusted expander interface. It connects a T8310 Expander Processor to the designated position on a T8312 Expander Interface Adapter Unit.

BRAND

ICS Triplex

ORIGIN

USA

HS CODE

8537101190

SHIPS FROM

Xiamen, Fujian, China

Technical data dashboard

Trusted TMR Expander Interface Communications Cable

CABLE FAMILY TC-301-02	ORDERED LENGTH 4.5 m	CABLE CONSTRUCTION Cat 6 Plus, screened
OUTER SHEATH LSZH	PROCESSOR-END CONNECTOR 96-way type C, double-width hood	ADAPTER-END CONNECTOR 12-way LEMO plug
EARTH CONNECTION Hood earth braid	MAXIMUM FAMILY LENGTH 30 m	CONNECTED PROCESSOR T8310
CONNECTED ADAPTER T8312		

Application and support view

Four engineering use cases plus customer-oriented verification questions.

Trusted chassis expansion

Carries the expander link between the processor and interface adapter in a distributed Trusted arrangement.

Safety-system cabinet interconnect

Provides a screened communications route between designated Trusted rack positions.

Legacy expander cable replacement

Restores the same connector roles and ordered length during controlled maintenance.

Low-smoke cabinet wiring

Uses the documented LSZH cable construction for an engineered enclosure route.

FAQ SNAPSHOT

1

What is the exact system role of TC-301-02-4M5?

2

Which host, rack or carrier is required for TC-301-02-4M5?

3

What wiring or connector checks apply to TC-301-02-4M5?

4

How is TC-301-02-4M5 configured for service?

Related-series navigator

Eight unique and verified Apter Power destinations for this dashboard.

- 01

T8461CX Apter Power product page
- 02

T8800 Apter Power product page
- 03

T9881 Apter Power product page
- 04

T9851 Apter Power product page
- 05

T8122 Apter Power product page
- 06

T9082U Apter Power product page
- 07

T9431 Apter Power product page
- 08

TC-215-02-10M5 Apter Power product page

Related pages are navigation aids and are not used as manufacturer parameter sources.

Traceability and commissioning closeout

Confirm TC-301-02-4M5 identity and length, T8310 and T8312 endpoints, connector keying, 96-way hood, 12-way LEMO plug, earth braid, cable route, grounding, chassis assignments and restored expander communications before commissioning.

OFFICIAL MANUFACTURER SOURCE

Trusted Communications Cables

ICSTT-RM312N-EN-P (PD-TC300) Issue 17

ENGINEERING RELEASE NOTE

Align the 96-way type C and 12-way LEMO connectors before insertion and tighten only by the specified connector hardware; never use the cable body to pull a plug into place. Verify the hood earth braid, screened route and exact 4.5 m article marking before restoring the expander link.

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



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