

MANUFACTURER-SOURCE TECHNICAL REFERENCE

ICS Triplex TC-302-02-4M0

Product Reference

Rockwell Automation Trusted low-smoke zero-halogen system cable

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited Rockwell Automation manufacturer sources. No product photograph is included.

Product / lookup identity	ICS Triplex TC-302-02-4M0
Reference number	TC-302-02-4M0
Document basis	Published Rockwell Automation product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ICS-Triplex/tc-302-02-4m0>
Apter Power contact

sales13@apterpower.com | +86 180 3023 5313

Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

ICS Triplex TC-302-02-4M0 is an evidence-bounded Trusted low-smoke zero-halogen system cable. System role: Remote expansion cable from a T8312 Expander Interface Adapter position to a T8314 Fibre TX/RX unit. System context: Rockwell Automation Trusted low-smoke zero-halogen system cable.

Published field	Manufacturer-published value or verified identity note
Requested part number	TC-302-02-4M0
Cable family	TC-302
Insulation code	02 = LSZH, flame retardant to IEC 60332-3 Cat A
Cable length	4.0 m
Cable construction	Cat 5, individually screened, LSZH
Origin / HS code / shipment weight	Not published for the exact requested cable
Verification Status	Verified Manufacturer Part Number Pattern And Requested Length

System function and signal path

01	System Inputs: Remote expansion cable from a T8312 Expander Interface Adapter position to a T8314 Fibre TX/RX unit.
02	Processing: Use only with the exact Trusted modules, adapters, FTA/VFTA, slot mode and connector arrangement documented for this cable family.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for ICS Triplex TC-302-02-4M0.

2 System documentation: Provides a source-traceable boundary for the documented Trusted TC-302 cable architecture configuration.

3 Commissioning review: Guides identity, companion-hardware, wiring and controlled functional checks before return to service.

4 Migration assessment: Separates exact-model facts from successor, sibling and family-level information.

Frequently asked questions

What is ICS Triplex TC-302-02-4M0?	It is an evidence-bounded Trusted low-smoke zero-halogen system cable; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Manufacturer Part Number Pattern And Requested Length.
What is its system role?	Remote expansion cable from a T8312 Expander Interface Adapter position to a T8314 Fibre TX/RX unit.
Which installed-base context is documented?	Trusted TC-302 cable architecture.
Are related models automatic substitutes?	No. A sibling, repair code, suffix or engineering replacement is not an unconditional drop-in approval.
Must the physical label be checked?	Yes. Verify the model, revision, firmware and all order or configuration suffixes.

Official Rockwell Automation sources

Trusted TC-302 Cable Manual	https://literature.rockwellautomation.com/idc/groups/literature/documents/rm/icstt-rm312_-en-p.pdf
Trusted Cable Certificate	https://literature.rockwellautomation.com/idc/groups/literature/documents/ct/icstt-ct013_-en-e.pdf