

51305508-200

CE Multimode XLCNE2 Paddle Board

Honeywell 51305508-200 is a CE multimode XLCNE2 paddle board for a TDC 3000 LCN extender. It converts the installed LCN extension path to and from multimode fiber.

APTER POWER SALES TEAM

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SCAN FOR PRODUCT & QUOTE

51305508-200

PRODUCT SNAPSHOT

BRAND

Honeywell

FAMILY

TDC 3000 LCN Extender

MODEL

51305508-200

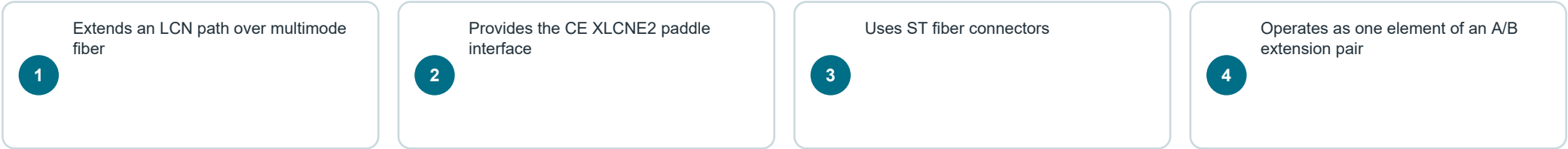
DOCUMENT SET

Technical reference / field workbook / complete information

OFFICIAL PRODUCT DESCRIPTION

Honeywell 51305508-200 is a CE multimode XLCNE2 paddle board for a TDC 3000 LCN extender. It converts the installed LCN extension path to and from multimode fiber.

FUNCTION MAP



TECHNICAL DATA

BOARD TYPE XLCNE2 paddle board	FIBER MODE Multimode
COMPLIANCE VERSION CE	CONNECTOR STYLE ST
NETWORK FUNCTION LCN extension	PATH ARRANGEMENT Engineered A/B pair

ENGINEERING NOTE

Verify the CE multimode execution, optical-connector cleanliness and assigned A/B position. Do not interchange this board with a single-mode execution or an LCNE2 predecessor without an approved engineering review.

COMMON APPLICATIONS

1

Multimode LCN extension

2

Remote node fiber links

3

XLCNE2 board replacement

4

Legacy network modernization

COMPATIBILITY REVIEW

IDENTITY Exact model and hardware execution: 51305508-200	HOST PLATFORM TDC 3000 LCN Extender
PRIMARY COMPANION XLCNE2 hub hardware	SECONDARY COMPANION ST multimode fiber
FIELD BOUNDARY LCN A/B coax paths	ACCEPTANCE DUTY Multimode LCN extension

MANUFACTURER SOURCE RECORD

Honeywell XLCNE2 hardware record | 51305508-200

Selection boundary: never transfer ratings, wiring, configuration or compatibility from a visually similar model. Confirm the complete physical label and the manufacturer record for the installed system.

PRODUCT PRECAUTIONS

- 1

Verify the complete 51305508-200 marking, hardware execution and assigned TDC 3000 LCN Extender position.
- 2

Place the process in the approved maintenance state and isolate every applicable energy source.
- 3

Record as-found wiring, shields, jumpers, cable tags, slot identity and diagnostics before removing 51305508-200.
- 4

Use ESD controls and protect keyed connectors, terminals and assemblies while handling 51305508-200.
- 5

Confirm the installed XLCNE2 hub hardware and ST multimode fiber against approved drawings and configuration records.
- 6

Inspect mating hardware, terminal condition, grounding and mechanical retention before installation.
- 7

Restore power or network service in controlled stages; confirm status indications before functional commands.
- 8

Complete a documented functional test for multimode lcn extension and retain the as-left record.

COMMISSIONING ACCEPTANCE

MECHANICAL Correct position, retention and terminal condition	ELECTRICAL / NETWORK Supply, grounding, shields, polarity and continuity confirmed
CONFIGURATION Slot, channel, range and companion hardware match approved records	FUNCTIONAL Controlled multimode lcn extension test completed without abnormal diagnostics

Related TDC 3000 LCN Extender products on Apter Power

MODEL	SERIES / SYSTEM ROLE	APTER POWER PAGE
51304540-200	EC-compatible LCNE2 LCN extender board	Open product page
51304542-100	KLCN_CA LCN A cable interface converter	Open product page
51304544-100	KLCN_CB LCN B cable interface converter	Open product page
K2LCN-8	TPS node processor board with LCN interface	Open product page
K4LCN-8 51401551-801	Honeywell LCN node processor hardware	Open product page

ENGINEER FAQ — 8 MODEL-SPECIFIC CHECKS

Q1	What must be matched before installation?	Match the full 51305508-200 marking, revision or execution, assigned position and installed companion hardware.
Q2	What should be isolated first?	Use the site's approved maintenance state and isolate the energy sources serving XLCNE2 hub hardware and ST multimode fiber.
Q3	What as-found record is required?	Record terminal identity, polarity, shields, jumpers, cable tags, configuration and diagnostic status.
Q4	Which compatibility check is mandatory?	Compare the TDC 3000 LCN Extender slot, interface, companion hardware and wiring scheme with approved project documentation.
Q5	How should commissioning begin?	Begin with visual and continuity checks, then restore service in stages and observe normal status indications.
Q6	How should the assigned function be proved?	Use a controlled test for multimode lcn extension while required interlocks and process safeguards remain effective.
Q7	What should be checked after an abnormal result?	Recheck seating, terminations, supply or network condition, channel assignment and manufacturer diagnostics before further replacement.
Q8	What evidence should be retained?	Retain the 51305508-200 identity, as-left wiring/configuration, final diagnostics and functional-test result.

MANUFACTURER SOURCE RECORD

Honeywell XLCNE2 hardware record | 51305508-200