

APTER POWER

1771-NC15

Analog I/O Cable

It is a 15 ft cable for connecting a 1771-N series analog module to the documented remote termination panel.

COMPLETE PRODUCT SNAPSHOT

MANUFACTURER	Allen-Bradley
FAMILY	1771 high-resolution isolated analog I/O system
MODEL	1771-NC15
DOCUMENT	1492-IN104

RELATED PRODUCTS ON APTER POWER

01	Allen Bradley 1756-RM	OPEN
02	Allen Bradley 150-F135NBDB	OPEN
03	Allen Bradley 1797-ACNR15	OPEN
04	Allen Bradley 80190-440-02-R	OPEN
05	Allen Bradley 1766-L32BXBA	OPEN
06	Allen Bradley 1756-OA16	OPEN

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WEBSITE www.apterpower.com



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Exact-model technical record

Complete model	1771-NC15
Manufacturer	Allen-Bradley
Product family	1771 high-resolution isolated analog I/O system
Cable family	1771-N high-resolution isolated analog I/O
Cable length	15 ft (approximately 4.6 m)
Connection role	Module-to-remote-termination-panel interconnect

Signal service	High-resolution isolated analog I/O
Installation method	Prewired dedicated cable assembly
Compatibility boundary	1771-N module and matching termination panel
Routing requirement	Separate from high-energy conductors
Replacement rule	Retain complete 1771-NC15 identity

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System role and applications

Remote analog termination

Links the analog module with its remote termination panel.

High-resolution analog wiring

Carries the documented isolated analog signals.

Cabinet service replacement

Replaces the exact 15 ft cable without repinning conductors.

Controlled rerouting

Preserves the approved analog separation and shielding path.

ENGINEERING BOUNDARY

Do not use 1771-NC15 as a general-purpose cable. Match the 1771-N module, termination panel, cable length and connector orientation before energizing.

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Model-specific engineering questions

Q1. Which cable family identifies 1771-NC15?

Cable family: 1771-N high-resolution isolated analog I/O. Match the complete catalog identity before work.

Q2. What cable length must be matched for 1771-NC15?

Cable length: 15 ft (approximately 4.6 m). Preserve the installed system assignment and connector mapping.

Q3. How is the connection role defined on 1771-NC15?

Connection role: Module-to-remote-termination-panel interconnect. Use the controlled project record during wiring checks.

Q4. Why does the signal service matter when replacing 1771-NC15?

Signal service: High-resolution isolated analog I/O. Do not substitute a neighboring family value.

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Acceptance reference and related products

Q5. Which installation method should commissioning records retain for 1771-NC15?

Installation method: Prewired dedicated cable assembly. Record the as-found setting before removal.

Q6. What should technicians verify about the compatibility boundary of 1771-NC15?

Compatibility boundary: 1771-N module and matching termination panel. Confirm the value again during controlled startup.

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