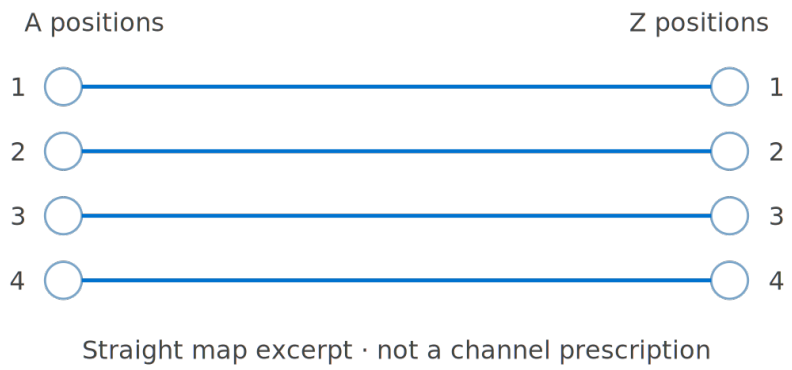
Trace the complete strand map.

Verify where every populated position terminates.

Editorial revision 2026-11-01. Planning guidance; not a released model specification, warranty, compatibility certification or installation approval.



Straight map excerpt · not a channel prescription

Start with the endpoint allocation

Write down each endpoint's transmit/receive positions and any destination grouping. Use the connector view defined in its documentation. Physical position numbers are not automatically optical lane numbers.

Follow the complete channel

Trace through patch cords, adapters, trunks and cassettes. A component's polarity designation is only one input; the assembled path must connect the intended transmit positions to the intended receive positions.

Keep a testable record

Save the exact A-to-Z position map and leg association with the assembly. Check the installed channel against it using appropriate polarity and loss testing. If a leg changes, verify its destinations again instead of relying on a drawing that only looks symmetric.

In practice / Worked example

Compose the maps. Then check the endpoints.

In this illustrative path, A→J preserves position numbers and J→Z reverses a 12-position array. Normalize both drawings to the same numbering at junction J, including the adapter relationship.

Starting position	At junction J	Final destination
A1	J1	Z12
A2	J2	Z11
A11	J11	Z2
A12	J12	Z1

This excerpt shows continuity destinations, not transmitter lanes or a complete channel design. Check every populated transmit position against its required receive destination in both directions. Label connector-face versus cable-entry views; a visual reversal must not silently become a wiring change. Keep polish and mating-key requirements alongside the full map.

Source: Fluke Networks · 12- and 8-fiber MPO polarity ↗ 6 January 2026 · illustrative map composition, not a prescribed polarity method

Before you specify

• Endpoint position allocation

• Every intermediate connection

• Installed channel mapping and test record

Sources & scope

General engineering guidance. External examples describe their own products and do not establish WBN availability or qualification.

• Getting 12- and 8-fiber MPO polarity right ↗ Fluke Networks · Online reference · accessed 1 Nov 2026 — https://www.flukenetworks.com/blog/cabling-chronicles/getting-12-and-8-fiber-polarity-right