Fiber-path record

Record the physical path, connector positions, polarity, losses and measured continuity between endpoints.

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

Path and construction

Include every patch, trunk, cassette and adapter. Connector keying, gender and polish are independent attributes.

Project / path ID / route / date

A and Z port and connector identity

Media: SMF or MMF type / installed length

Assembly segments: patch, trunk, breakout, cassette

Connector type, polish, pinning / gender and key orientation

Jacket / environment / applicable installation requirement

Position map and continuity

Record the viewing convention used for every connector. A polarity label cannot replace the end-to-end position map.

A position → Z position mapping / drawing reference

Transmit → receive mapping for each active optical lane

Continuity method / test equipment / calibration date

Inspection and cleaning record for all mating interfaces

Measured loss, wavelength and reference method by strand

Unused fibers / reserved positions / breakout leg lengths

Acceptance evidence

Compare measured values to the documented loss budget and required mapping; do not substitute nominal distance for loss measurements.

Applicable budget and source revision

Failed / unresolved positions and next checks

As-built drawing, test report and record owner

Related reading: guide-fiber-path