Endpoint requirements record

Record both hosts, exact module identities, port modes and the requirements that must agree across a link.

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

Connection identity

Record the actual installed hardware and software. A form factor or optical-standard name alone does not establish compatibility.

Project / link ID / date / engineer

A: device, port and software release

Z: device, port and software release

A: module marking, revision and serial

Z: module marking, revision and serial

Electrical and optical requirements

Keep electrical host FEC separate from optical line FEC. Use the exact supported application and lane mapping at each endpoint.

Protocol and intended payload rate

A and Z host application / electrical lane rate and count

A and Z host FEC setting and source

Optical interface / lane mapping / line FEC

Connector, fiber count, media and reach requirement

Host power class, cooling and temperature requirements

Evidence and unresolved conditions

No threshold or compatibility result is implied by completing this record.

Applicable documents: title, revision, page and date

Validated host / module combination and test evidence

Peer interoperability conditions

Open questions, owner and next check

Related reading: guide-host-modes