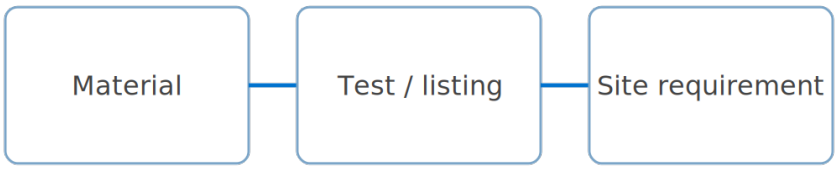
Jacket material and safety rating.

Specify construction and certification independently.

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



Keep the complete connection in view

Keep separate fields

Jacket material describes the construction. Fire/smoke performance and listings describe tested requirements. A label such as LSZH must not silently populate an OFNR or OFNP field.

Read the exact assembly record

Check the required installation environment against the cable's actual listing and supporting document. As a concrete illustration, a published Belden LSZH construction lists separate IEC tests and states that it is non-UL-rated; the material name alone does not identify a UL rating.

Preserve what is unresolved

Record material, required rating and verified rating separately. If evidence is missing, leave the rating unspecified and hold the selection for confirmation. Site requirements and applicable installation rules need their own review; this guide does not certify an installation.

In practice / Worked example

Material and qualification are separate fields.

Belden GCDHO236 illustrates why an LSZH description cannot fill in a missing installation rating.

Datasheet field	Published entry
Jacket construction	LSZH
IEC flammability	IEC 60332-1-2
Bundle flame test	IEC 60332-3-22
Halogen amount	Zero under IEC 60754-1
UL rating / flame test	Non-UL Rated

For an OFNP requirement, this record does not establish the needed qualification. Retain three separate values: required rating OFNP; documented material LSZH; qualification not established by this datasheet. This is a source-reading example, not a WBN offering or an installation recommendation.

Source: Belden · GCDHO236 construction and standards record ↗ Revision 0.12 · date displayed as 10-06-2025

Before you specify

• Required installation environment

• Exact assembly listing and evidence

• Material and rating recorded separately

Sources & scope

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

• GCDHO236 construction and standards record ↗ Belden · Product-specific example · revision 0.12 — https://catalog.belden.com/index.cfm?event=pd&p=PF_GCDHO236