

84661-6

Armored accelerometer interconnect cable

Exact article

84661-6 belongs to the 84661 armored cable ordering series. Match the full article rather than a similar unarmored or differently terminated cable.

Cable core

The cable uses a twisted, shielded pair of two 22 AWG conductors within an armored execution.

Sensor-side connection

One end carries a two-socket moisture-resistant female connector. Verify the physical mating interface before installation.

Receiving-side termination

The opposite end terminates in terminal lugs. Preserve the documented receiving-circuit assignment during replacement.

Verified configuration

Article evidence and system boundaries kept separate

Manufacturer	Bently Nevada / Baker Hughes
Product family	84661 armored accelerometer cable
Cable core	Two-conductor twisted pair
Conductor gauge	22 AWG
Shielding	Shielded
Mechanical protection	Armored cable execution
Connector end	Two-socket moisture-resistant female
Far-end termination	Terminal lugs
Use boundary	Match the approved accelerometer and receiving circuit

Scope of the data

This is a cable record, not a sensor specification. Do not copy sensitivity, frequency response, supply voltage or ambient ratings from an accelerometer onto this cable.

Connection path

Keep the sensor, cable and monitor assignments traceable

1 / Accelerometer

Identify the installed compatible sensor and inspect its mating connection before connecting the female plug.

2 / Moisture-resistant plug

Seat the two-socket connector in the documented sensor interface; check that the mating surfaces remain clean and undamaged.

3 / Armored cable

Route the shielded two-conductor armored cable according to the approved installation record, away from avoidable strain or abrasion.

4 / Terminal lugs

Land the cable at the receiving circuit using the documented terminal assignment and grounding arrangement.

5 / Functional check

Restore the channel under maintenance control and verify signal continuity and diagnostics before release.

Selection and release decisions

Model-specific questions for this armored cable

Is this a sensor?

No. It is the cable connecting a compatible accelerometer with the receiving circuit.

Is this the unarmored option?

No. The 84661 ordering series is armored; do not substitute a 9571-series unarmored cable without an approved design review.

What must mate at the sensor?

A suitable two-socket moisture-resistant female connection must match the installed sensor interface.

What is at the far end?

Terminal lugs for the documented receiving circuit.

Manufacturer evidence

Baker Hughes / Bently Nevada, IEPE Accelerometer Series Datasheet, 124M2609 Rev. H, cable ordering information, p. 19.

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SCAN TO CHAT

The manufacturer cable record establishes construction and terminations; it does not establish a stand-alone electrical rating for this exact cable.