

Bently Nevada 16710-06

Technical Reference / cable identity and interface

Article role

16710-06 is the six-foot armored interconnect cable option in the 16710 series. It is not the accelerometer or its monitor.

Cable core

Three shielded 22 AWG conductors provide the documented signal path in an armored cable construction.

Sensor end

The 16710 family uses a three-socket plug at the accelerometer end. Match the installed mating connection.

Receiving end

Separate terminal lugs land on the approved receiving circuit. Record each connection before removal.

Length selection

The 06 ordering suffix denotes a six-foot run. Do not infer a different route from a related cable page.

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Connection architecture

Track the complete installed chain

1 / Sensor

Confirm the installed compatible 330400 or 330425 accelerometer and its physical three-socket interface.

2 / Cable plug

Inspect plug keying and contact condition before mating; the sensor-side interface is not a bare wire termination.

3 / Cable path

Keep the documented six-foot route and prevent crushing, sharp abrasion or connector strain.

4 / Terminal lugs

Map each lug and shield connection to the receiving channel drawing.

5 / Monitor

Verify the receiving-channel diagnostics and controlled response after restoration.

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Technical fact groups

Cable values remain separate from sensor specifications

Construction

Armored, shielded, three-conductor cable; 22 AWG conductor gauge.

Ordered length

Six feet by the 16710-06 code. Measure and confirm the installed run independently.

Connection ends

Three-socket sensor-side plug and terminal-lug receiving end.

Documentation

Datasheets 141638 and 177232 identify 16710 cable family and ordering information.

Excluded claims

Sensor sensitivity, supply voltage, approvals and calibration are not stand-alone 16710-06 cable ratings.

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Engineering decisions

Evidence boundary and related navigation

Can another 16710 length be substituted?

No automatic substitution. Confirm the route, installed interfaces and approved drawing first.

Is 16925 the same cable?

16925 is a separate unarmored family; compare the protection requirement before considering it.

What is the release proof?

Document complete cable identity, connection integrity, receiving-channel diagnostics and functional response.

Related pages

The links below are product navigation only, not compatibility or interchangeability approvals.

Manufacturer evidence: Baker Hughes / Bently Nevada, 330400 and 330425 Accelerometer Datasheet 141638; 177230 Seismic Transmitter Datasheet 177232, 16710 armored cable ordering tables.

Related Apter Power product pages / navigation only

[Bently Nevada 16710-18](#)

[Bently Nevada 16710-46](#)

[Bently Nevada 16710-16](#)

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