

84510-30

Armored Seismoprobe Interface Cable

Bently Nevada 84510-30 is a 30-foot armored interface cable for 9200 and 74712 Seismoprobe velocity transducers. It carries the two-wire velocity signal to the associated monitor input.

Manufacturer	Bently Nevada
Product family	9200 and 74712 Seismoprobe Systems
Part number	84510-30
Country of origin	USA
Source	9200 and 74712 Seismoprobe Velocity Transducers Datasheet — 141626 Rev. V

Product role

- 1 Connects a two-wire Seismoprobe transducer to its monitoring input

2 Provides shielded signal conductors within protective armor
- 3 Uses a two-socket female transducer connector

4 Provides lug terminations for cabinet wiring

Document purpose

Technical review	Model identity and manufacturer-published values
Installation review	Mounting, connection and companion-hardware checks
Commissioning review	Controlled signal, diagnostic and functional response

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1. Technical specifications

The following values are transcribed only from the manufacturer records named in this document.

Cable construction	2-wire shielded
Conductor size	22 AWG (0.5 mm ²)
Mechanical protection	Armored
Transducer-end connector	2-socket female
Monitor-end termination	Terminal lugs
Ordered length	30 ft
Approximate metric length	9.1 m
Minimum orderable length	3 ft (0.9 m)
Maximum orderable length	70 ft (21 m)

Configuration identity checks

Complete model	84510-30
Manufacturer part	84510-30
Installed family	9200 and 74712 Seismoprobe Systems
Record authority	141626 Rev. V

2. System function and integration

Bently Nevada 84510-30 is a 30-foot armored interface cable for 9200 and 74712 Seismoprobe velocity transducers. It carries the two-wire velocity signal to the associated monitor input.

Compatible installation elements

Component 1	9200 or 74712 Seismoprobe
Component 2	compatible velocity-monitor input
Component 3	cabinet terminal points
Component 4	field cable supports

Engineered application matrix

Turbine Seismoprobe connection	Connects a two-wire Seismoprobe transducer to its monitoring input
Compressor casing-velocity cabling	Provides shielded signal conductors within protective armor
Pump velocity-monitoring loop	Uses a two-socket female transducer connector
Armored rotating-equipment signal route	Provides lug terminations for cabinet wiring

Related products on Apter Power

84510-33	Armored Seismoprobe interface cable	Open product page

3. Installation and commissioning controls

Identify both conductors and shield before replacing 84510-30, support the armored run and prove signal polarity and velocity response at the assigned channel.

- 1

Confirm the 84510-30 length and two-socket connector before installation.
- 2
- Isolate the associated velocity-monitor input before removing lugs.

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Acceptance record

Identity	84510-30 recorded
Mounting / connection	9200 or 74712 Seismoprobe
Companion hardware	compatible velocity-monitor input
Functional duty	Turbine Seismoprobe connection
As-left evidence	Connections, diagnostics and controlled response recorded

Return-to-service sequence

1	Confirm physical security and connector condition
2	Restore the documented channel or system configuration
3	Observe stable diagnostics before applying a controlled test
4	Record the final process response and release authorization

4. Engineer FAQ and source record

What must be matched before replacing 84510-30?	Match the complete 84510-30 marking, armored seismoprobe interface cable, installed mounting or connector execution and the approved equipment record before removal.
Which system components should be checked with 84510-30?	Confirm the installed 9200 or 74712 Seismoprobe, compatible velocity-monitor input and the assigned monitoring or connection point are the documented combination for 84510-30.
How should wiring or cabling for 84510-30 be recorded?	Record conductor identity, shield termination, connector orientation, cable route and the as-found diagnostic state before disconnecting 84510-30.
What installation control is important for 84510-30?	Use the model-specific mounting arrangement, protect mating surfaces and maintain the documented cable support and mechanical clearance for 84510-30.
How is 84510-30 checked during commissioning?	Apply the approved controlled test for turbine seismoprobe connection, verify polarity or direction where applicable, and compare the measured response with the configured channel.
Can parameters from a similar model be used for 84510-30?	No. Retain only values and configuration details that apply directly to the complete 84510-30 ordering code and installed system.
What maintenance evidence should be retained for 84510-30?	Retain the full 84510-30 identity, as-left mounting and connections, continuity or bias checks, diagnostics and the final functional-test result.
What should be verified before returning 84510-30 to service?	Confirm secure mounting, connector integrity, restored configuration, stable signal behavior and the intended response of the associated monitoring channel.

Manufacturer source identifiers

Document title	9200 and 74712 Seismoprobe Velocity Transducers Datasheet
Publication / revision	141626 Rev. V
Manufacturer	Bently Nevada / Baker Hughes

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