

BENTLY NEVADA

84661-84661-08

TECHNICAL REFERENCE

Bently Nevada 84661-84661-08 is the 8 ft armored interconnect-cable configuration for 9200 and 74712 Seismoprobe Velocity Transducer signal wiring to monitors or vibration data collectors.

COMPONENT	Armored Interconnect Cable
SYSTEM	9200 and 74712 Seismoprobe interconnection cables
EVIDENCE	141626 Rev. V

SELECTED APTER POWER REFERENCES

- 01 Bently Nevada 3500-05-01-01-01-00-01
[VIEW Bently Nevada 3500-05-01-01-01-00-01](#)
- 02 Bently Nevada 330180-X1-00 MOD:145004-09
[VIEW Bently Nevada 330180-X1-00 MOD:145004-09](#)
- 03 Bently Nevada 330104-02-09-10-01-00
[VIEW Bently Nevada 330104-02-09-10-01-00](#)
- 04 Bently Nevada 330330-080-01-00
[VIEW Bently Nevada 330330-080-01-00](#)
- 05 Bently Nevada 330330-070-00-00
[VIEW Bently Nevada 330330-070-00-00](#)
- 06 Bently Nevada 330854-080-05
[VIEW Bently Nevada 330854-080-05](#)

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84661-84661-08

Exact identity and verified parameters

Complete model	84661-84661-08
Manufacturer	Bently Nevada
Product family	9200 and 74712 Seismoprobe interconnection cables
Requested identity	84661-84661-08
Catalog cable code	84661-08
Cable family	84661-NN
Length option	08 = 8 ft (approximately 2.4 m)
Conductors	2-conductor
Cable construction	Twisted and shielded
Conductor size	22 AWG (0.5 mm ²)
Mechanical protection	Armored
Transducer end	2-socket moisture-resistant female connector
Instrument end	Terminal lugs
Intended instrument side	Monitor or vibration data collector
Cable operating temperature	-50 C to 120 C
Available family range	3 ft minimum to 99 ft maximum

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System architecture and signal path

1

9200 or 74712 Seismoprobe Velocity Transducer

2

84661-08 armored interconnect cable

3

monitor or vibration data collector

4

documented shield and terminal arrangement

Engineering roles

- Maintains the armored cable path in a 9200 or 74712 velocity-measurement chain
- Connects the transducer receptacle to instrument-side terminal wiring
- Retains the documented 08 cable-length option for the installed run
- Supports monitor or vibration-data-collector terminations

EVIDENCE BOUNDARY

Use 84661-84661-08 only with the documented 9200 or 74712 signal chain. Preserve the 08 length option, shield termination, connector orientation and instrument-terminal assignment before replacement.

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Applications and decision controls

Seismoprobe monitor connection

Carries the two-wire velocity signal from a compatible 9200 or 74712 transducer to monitor terminal wiring.

Vibration data collection

Provides the connector-to-lug cable arrangement used with compatible vibration data collectors.

Armored field routing

Uses the documented armored construction where the approved installation requires additional mechanical protection.

Exact cable renewal

Restores the 84661-08 conductor, shield, connector, terminal-lug and length configuration without borrowing another cable-family option.

Cross-check logic

IDENTITY

Exact markings must agree across the article, record and replacement.

FUNCTION

Only the role supported by mutually consistent evidence is published.

NUMERIC DATA

Conflicting or unsupported ratings remain unpublished.

FIELD ACCEPTANCE

The installed nameplate, drawings and controlled tests decide final suitability.

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Model-specific questions

1

What does the 08 suffix define for Bently Nevada 84661-84661-08?

The 08 code selects an 8 ft cable, approximately 2.4 m, from the 84661-NN interconnection-cable family.

2

Why is Bently Nevada 84661-84661-08 suited to protected field routing?

Its documented construction combines a two-conductor twisted shielded cable with armor for additional mechanical protection.

3

Which transducer families can use Bently Nevada 84661-84661-08?

The cable belongs to the interconnection options for 9200 and 74712 Seismoprobe Velocity Transducers.

4

How is Bently Nevada 84661-84661-08 terminated at the transducer end?

The transducer end uses a two-socket moisture-resistant female connector.

5

What instrument-end termination is provided on Bently Nevada 84661-84661-08?

The opposite end is supplied with terminal lugs for connection to the documented monitor or vibration-data-collector terminals.

6

What conductor specification must be retained for Bently Nevada 84661-84661-08?

Retain the two-conductor twisted shielded 22 AWG construction, equivalent to 0.5 mm² conductors.

7

What operating-temperature boundary applies to Bently Nevada 84661-84661-08?

The published cable operating-temperature range is -50 C to 120 C.

8

Which checks confirm a successful Bently Nevada 84661-84661-08 cable renewal?

Verify the 08 length, connector seating, terminal-lug polarity, shield termination, continuity and the expected velocity-signal response.

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Related products on Apter Power

Navigation links only. These products are not evidence for the technical values of this article.

- | | |
|---|---|
| 01 Bently Nevada 330851-02-000-080-10-00-00
VIEW Bently Nevada 330851-02-000-080-10-00-00 | 02 Bently Nevada 330851-01-000-020-10-00-00
VIEW Bently Nevada 330851-01-000-020-10-00-00 |
| 03 Bently Nevada 330850-91-05
VIEW Bently Nevada 330850-91-05 | 04 Bently Nevada 330876-01-50-01-05
VIEW Bently Nevada 330876-01-50-01-05 |
| 05 Bently Nevada 330876-03-10-00-00
VIEW Bently Nevada 330876-03-10-00-00 | 06 Bently Nevada 32000-28-05-15-080-03-02
VIEW Bently Nevada 32000-28-05-15-080-03-02 |
| 07 Bently Nevada 32000-28-05-08-080-03-02
VIEW Bently Nevada 32000-28-05-08-080-03-02 | 08 Bently Nevada 31000-16-10-00-050-03-02
VIEW Bently Nevada 31000-16-10-00-050-03-02 |
| 09 Bently Nevada 21000-34-10-20-062-04-02
VIEW Bently Nevada 21000-34-10-20-062-04-02 | 10 Bently Nevada 21000-34-10-20-058-04-02
VIEW Bently Nevada 21000-34-10-20-058-04-02 |
| 11 Bently Nevada 330881-16-00-307-06-02
VIEW Bently Nevada 330881-16-00-307-06-02 | 12 Bently Nevada 330881-16-00-200-06-02
VIEW Bently Nevada 330881-16-00-200-06-02 |
| 13 Bently Nevada 330103-00-25-05-02-00
VIEW Bently Nevada 330103-00-25-05-02-00 | 14 Bently Nevada 330106-05-30-10-02-IN
VIEW Bently Nevada 330106-05-30-10-02-IN |
| 15 Bently Nevada 330180-90-CN
VIEW Bently Nevada 330180-90-CN | 16 Bently Nevada 330106-05-30-10-02-00
VIEW Bently Nevada 330106-05-30-10-02-00 |
| 17 Bently Nevada 330104-01-05-50-02-00
VIEW Bently Nevada 330104-01-05-50-02-00 | 18 Bently Nevada 330910-00-24-10-01-CN
VIEW Bently Nevada 330910-00-24-10-01-CN |

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