

BENTLY NEVADA TECHNICAL DOCUMENT

Product Data Sheet

84661-34

01

PRODUCT IDENTIFICATION

Manufacturer	Bently Nevada
Model	84661-34
Family	9200 / 74712 Seismoprobe
Product type	Armored Interconnect Cable

02

VERIFIED TECHNICAL DATA

Ordered cable length	34 ft (approximately 10.36 m)
Conductor count	2 conductors
Wire gauge	22 AWG (0.5 mm ² in source 141626 Rev. V)
Conductor arrangement	Twisted pair
Electrical shielding	Shielded construction
Mechanical protection	Armored cable
Sensor-end connection	Two-socket moisture-resistant female connector
Instrument-end termination	Terminal lugs

03 REMAINING TECHNICAL DATA

Cable operating temperature	-50 to +120 deg C (141626 Rev. V)
Connector orientation	Straight (161M1037 Rev. -)

04 TECHNICAL AND APPLICATION NOTES

Bently Nevada 84661-34 is a 34-foot armored interconnect cable for vibration instruments. Its two twisted, shielded 22 AWG conductors connect a moisture-resistant two-socket female connector at one end to terminal lugs at the other. The suffix 34 specifies length in feet, approximately 10.36 metres. The manufacturer lists the 84661 cable family for monitor or vibration-data-collector connections; match the sensor connector and instrument termination before ordering. Sensor measurement ratings are not cable ratings.

05 APPLICATIONS

- Continuous velocity monitoring: connect a compatible Seismoprobe transducer to the specified monitor termination.
- Periodic vibration surveys: link a compatible sensor to an appropriate data collector for diagnostic measurements.
- TP100/TP500 acceleration channels: use the listed armored interconnect after checking sensor and monitor connections.

06 INSTALLATION CONTROL

Check 84661-34 and the required 34-foot cable route before installation. Use the complete equipment instructions for wiring and commissioning procedures.