Complete Product Information

16710-09

16710 / ARMORED INTERCONNECT

Selected cable identity, physical construction and supported connection context.

Cable property	Verified selected value
Cable role	330400/330425 accelerometer interconnect
Ordered length	9 ft (2.74 m nominal)
Cable conductors	3, shielded
Conductor gauge	22 AWG (0.5 mm²)
External protection	Armored cable
Transducer-end interface	3-socket plug
Receiving-end interface	Terminal lugs
Length selection	AA in 1 ft (305 mm) increments
Allowed ordered length	3–99 ft (0.9–30 m)
Listed standard lengths	6, 8, 10, 12, 15, 17, 20, 25, 50, 99 ft
Length class	Permitted nonstandard ordered length
System context	330400 / 330425 accelerometers; verify connected receiving instrument

Ordering interpretation: the two-digit suffix specifies the nominal length in feet. 16710-09 is within the permitted 3–99 ft range; it is an allowed nonstandard length rather than one of the listed standard lengths.

Complete Product Information

CONNECTION BOUNDARY AND SYSTEM CONTEXT

Accelerometer • **16710 plug + armor** • **Lug termination** • **Monitor input**

The selected cable transfers the transducer signal to the receiving instrument. It does not determine acceleration sensitivity, frequency response or channel alarm settings.

Adjacent system element	Manufacturer reference / applicability
330400 transducer context	100 mV/g nominal sensitivity; 50 g peak range
330425 transducer context	25 mV/g nominal sensitivity; 75 g peak range
Both transducers	10 Hz–15 kHz frequency response under published conditions
Cable itself	Three shielded 22 AWG conductors, armor, plug and lugs; no standalone sensitivity rating

ENGINEERING REVIEW BEFORE RELEASE

Identity — Match 16710-09 and its ordered length with the cable marking and quotation.

Interfaces — Compare three-socket plug keying and terminal-lug landing with the installed channel.

Routing — Confirm armor support, service loop and segregation from disturbance sources.

Acceptance — Test cable continuity and shield path separately, then check connected-channel response.

Source and applicability: Bently Nevada 330400 and 330425 Accelerometers, 141638 Rev. AB. Connected transducer data are context only and are not ratings of the offered 16710 cable.

Technical enquiry

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