

# DIAMOND HE-2000™

Fiber optic solution for Harsh Environment



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## HE-2000™ for demanding applications

HE-2000™ connectors are hybrid, opto-electrical, multi-contact termini developed to operate in harsh environments. The sturdy construction offers excellent performances under extreme temperatures, mechanical stress and in aggressive chemical settings.

The push-pull locking mechanism and the automatic protection shutter allow an extreme ease of use of the HE-2000™ connectors and greatly enhance their reliability.

The modular construction accommodates up to four independent, optical and/or electrical termini in a custom reconfigurable arrangement based upon Diamond's 2.5 mm *Alberino* ferrule assembly. The same modular construction also allows for easy termination and repair in the field.

The HE-2000™ optical termini support MM, SM (PC/APC) small-core fibers, small-core fibers, polarization maintaining (PM) fiber, as well as other specialty fiber types and Power solution technologies.

## Main features



## Field termination and repair

Diamond has developed the Crocodile Alberino fusion technology so customers can assemble factory terminated, pre-tested Splice On Connectors (SOC) directly in the field. These procedures are performed with Diamond's Zeus D50 HE fusion splicer.



## ZEUS D50 HE kit

- Complete set of tools required for the termination process, from cable preparation to connector assembly (including cleaver and automatic stripper with heated jaws for tough secondary coating 900 µm)
- Dedicated cable clamps on bearing slides for secure, easy and correct cable handling suitable for 3 to 8-mm military and outdoor cables
- Hard protective case for harsh environments, IP65
- Total weight: 15 kg

