

iBridge Ultra



ERNI's iBridge Ultra is the perfect solution for harsh environments and applications that require high currency capacity. This single row solution is compact yet powerful and assures connection with dual locking sides and TPA.

Click here or scan the QR code to launch the iBridge Ultra video



or type this URL into your browser
<https://rebrand.ly/ERNI-iBridgeUltra-Video-E>

SAFETY FIRST: CUSTOM DESIGN FOR DEMANDING APPLICATIONS

- secure connection for even the harshest environments
- high currency carrying with up to 8 A rating per contact
- double-sided interlocking plus a secondary locking of the crimp contacts in the housing (TPA)
- polarity reversal protection design
- USCAR2 and USCAR21 tested
- single row, tin plated, 2 mm pitch connectors for standard and some non-standard cable sizes
- vertical & right angle males; 180 inline females



Pitch	2.0 mm
No. of Pins	2, 3, 4, 5, 6, 8, 10, 12
Termination	male: SMT, Solder; female: Crimp
Current rating (A)	up to 8 A per contact at 20 °C
Temperature range	-40 °C to 100 °C
Automotive Standard	Specifications are tested according to requirements of USCAR-2 and USCAR-21
Wire cross section	AWG 22 \pm 0.35 mm ² , AWG 24 \pm 0.22 mm ²

APPLICATIONS (not limited to)

Automotive (Drives, Headlights & BMS)
 Tele & Data-communication
 Medical
 Instrumentation
 Automation
 Construction & Agriculture

For more information on iBridge Ultra or any ERNI connectors, please contact your ERNI Sales Manager or call 1-804-228-4100 to speak an ERNI connector specialist.