

HVR[®]300

The new HVR[®]300 connector system is currently in the development phase and is available on request. It is characterized by a maximum current carrying capacity of 320 A combined with minimal space requirements. The product portfolio includes a 2-pole angled coupler for shielded cables and a cable cross section of 70 mm² along with the corresponding header. A cross section of 50 mm² is available on request. The lever locking mechanism is secured with an additional slider (CPA – Connector Position Assurance) to prevent accidental unmating.

Technical Properties

- Current capacity (70 mm²): 320 A at 85 °C
- Working voltage 1000 V DC
- Test voltage 4200 V DC
- Cross sections 70 mm², 50 mm² on request

Features and Benefits

- Effective dimension – performance ratio
- With HVIL
- Right angle connector, header

Applications











- High current capacity applications

Cables

- FHLR2GCB2G-70 / 70 mm² / 0.20 mm



Coding HVR[®]300

Coding	Jack	Plug
A		
B		
C		
D		
Z		

Colors of the plastic housings are in accordance with the listed RAL colors, minor color differences during manufacturing are possible.

Thermal Simulated Derating Graph HVR[®]300 acc. to DIN EN 60512-5-2

