Custom Cable Assemblies and Wire Harnesses

Our connectors · your cable and length · sealed, shielded, high-power



Connectors	Any series on this site
Cable and length	To your specification
Protection	Braid shield, heat-shrink, jacket, potting
Testing	Tested to your requirements

Key features

- Connectors, backshells and caps from our own production
- Energy-storage harnesses: high-power connectors, finished cable, backshells and outer jacket for battery racks
- EV high-voltage harnesses between battery pack, PDU and other high-voltage units, sealed against sand and water
- Sealed harnesses: braid shield under fluid-resistant heat-shrink tubing, resistant to heat and oil
- RF coaxial assemblies with impedance-matched cable, 50 Ω or 75 Ω
- High-temperature assemblies with high-temperature textile jacket, long-term operation at 200 °C
- Lightweight test and measurement harnesses with braid shield and nylon braid jacket
- Vulcanized watertight assemblies for underwater equipment (see subsea cable assemblies)

Specifications

Build options

Parameter	Value	Condition
Connectors	Circular, rectangular, Micro-D, high-power, fiber-optic and underwater series from this site	
Cable	Customer-specified or proposed by us for current, voltage, temperature and flexing	
Shielding	Braid shield terminated 360° at the backshell	
Outer protection	Heat-shrink tubing, nylon braid, textile or elastomer jacket, potting or vulcanizing	
Marking	Labels and wire markers to your drawing	

Examples

Parameter	Value	Condition
Energy-storage harness	High current and voltage, high ingress protection	

Examples		
Parameter	**Value**	**Condition**
EV high-voltage harness	High voltage and current, shielded, vibration and shock resistant	
RF coaxial assembly	50 Ω or 75 Ω, low attenuation and crosstalk	
High-temperature assembly	Long-term operation at 200 °C	

Testing		
Parameter	**Value**	**Condition**
Electrical and environmental tests	Tested to your requirements	

Request a quote or drawing: https://sinoxh.com/request-a-quote/?product=Custom%20cable%20assemblies