

# WIRE HARNESSSES

Motorsport Mil-Spec Wiring

## SHORT LEAD-TIME MOTORSPORT WIRING

Rockford is dedicated to serving the motorsport market with short lead-time electrical cable assemblies/harnesses. Rockford is known for its prototyping ability, and has streamlined service for motorsport turnaround to meet industry expectations.

Engineering consultants are available for fitment on-site or off-site, and can help with any difficulties.

Rockford has worked with a number of motorsport customers and is an ideal partner to develop projects with F1, F2, GT2, 3&4, and motorbikes.

With a pedigree in defence and aerospace platforms, Rockford is well-versed in harsh environment design and lightweight technology.

**ENGINEERING SUPPORT**

*WE COME TO YOU!*



# PRODUCTS & APPLICATIONS

## Products:

- Main Wiring Loom
- Engine Loom
- Gearbox Looms
- Breakout Boxes
- Sensors
- Steering Wheels
- Electronics Network
- Dyno/Test Cables
- Data Logging
- Lightweight Lighting System (LED)  
Jumper/Extension Cables
- Ethernet
- Kitting - Components

RAPID TURN-  
AROUND FOR  
PROTOTYPES

## Applications:

- Chassis
- Engine
- Gearbox
- Cockpit
- Steering Wheel
- ECU
- Batteries
- Wheels
- Suspension & Brakes
- Measurement and Sensing
- Fuel Tank

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## DESIGN ENGINEERING

Rockford's engineering team can offer a seamless process and guarantee your peace of mind.

Our electrical and mechanical engineers work with HarnWare, AutoCAD, SolidWorks, 3D printing, and an in-house metalwork department. We can take your ideas and bring them to life, even if they are just scribbled on the back of a napkin!

The design process involves carefully determining end functionality, electrical characteristics, mechanical and physical characteristics.

## QUALITY CONTROL

Rockford's engineering and quality assurance teams conduct design reviews, standard testing and system testing procedures before design sign-off. Rockford also follows up with change control processes and offers on-site support.

Rockford provides detailed assembly drawings, including cable diameters, harness weight estimates and alternative parts. Accurate harness wiring can be presented as a schematic or wiring schedule.



# PRODUCTS & APPLICATIONS

Technology Offerings:

- Lightweight
- High-speed copper
- High voltage and power
- Woven flat-form cable structures
- Underwater / Sealed

Our customer lifecycle includes prototyping, on-site-installation, production, logistics, spares and obsolescence management.

Woven cables can be manufactured using a range of fabric materials such as Kevlar, Nomex, PEEK, Nylon and Polyester. This allows our customers to use smaller and lighter wires as the tensile strength is provided by the weave material.

We have also developed an electrified composite solution, offering lightweight, compact results and a wealth of potential applications within the motorsport niche.

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Is your supply chain for wiring harnesses, cable assemblies and electro-mechanical systems meeting your current turnaround needs?

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