



# Hunter Cable Assembly Ltd

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a specialist manufacturer and distributor of  
cable assemblies, wiring looms and harnesses, box builds and sub assemblies

## Railway Cable Assembly

11 May 2011

**Small waterproof connectors have been developed to meet the railway standards for on-board railway equipment. Find out more about waterproof cable assembly.**

To meet the growing demand for these types of waterproof connectors, SOURIAU has developed the SMS IP.

This connector model combines compactness and safety and compliance with the most demanding fire and smoke standards.

Intended for on-board applications such as lightning, door controls, detectors, air conditioning programmes, the SMS cabs, the connectors have to be reliable and durable.

### Connectors

This new waterproof connector has the advantage of being extremely high fire and smoke resistant through the use of a special thermoplastic.

Despite the compact design of the new waterproof connector, the contacts are protected, so the connectors can be handled in complete safety.

The SMS IP can be used in trains running in both hot and severe cold weather, as well as most climate conditions. It has been tested to work under temperatures ranging from -50 degrees Celsius to +100 degrees Celsius.

The stainless steel coupling system makes the SMS IP extremely robust and secure, so any knocks are not likely break the connection. This steel also allows the connectors to be fitted side by side for easy assembly.

The connectors can be used in the following ways:

- Extending Cable Runs
- Connecting to Enclosures
- Through Bulkhead
- Through Bracket Mounted.

1.6mm contacts and associated crimp tooling are required for chain optimisation.

### Cable Assemblies UK

Hunter Cable Assemblies can provide cable assembly services to a wide variety of industries for many different applications, such as in the railway industry.

They use and supply SOURIAU connectors, as well as MOLEX products and other top manufacturers' connectors such ones designed by Amphenol and HARTING.

They specialise in cable assemblies, RF Coaxial cable assemblies and also [waterproof cable assemblies](#).

Visit [www.hcal.co.uk](http://www.hcal.co.uk) for more information and to discuss your requirements in more detail.