



Knight Group

Your Trusted Network Rail-Approved Supplier of Conductor Cables

Under the Rowan Cable Products brand name, the Knight Group manufacture and supply electrical overhead line conductors (OHCL), return screened conductors (RSC) and earth bonding conductors for the rail industry. We take pride in being a leading provider of high-quality conductor cables and have established ourselves as an approved supplier for Network Rail, Eurostar, Metronet Rail and other major rail companies. Our commitment to excellence and industry expertise has helped us gain the trust of major railway companies.

Why Choose Rowan Cables?

Network Rail Approval: We have received certification from Network Rail, giving you the assurance that our products are of the highest quality and meet industry standards.

RISQS Approved: As a proud member of the Railway Industry Supplier Qualification Scheme (RISQS), we demonstrate our commitment to delivering reliable and safe conductor cables for rail applications.

Wide Range of Materials: Our extensive selection of materials includes bare copper, tinned copper, enamelled copper, aluminium and aluminium alloy, steel-reinforced aluminium, and various insulation options such as PVC and polyester coatings.

Custom Solutions: We understand that different projects have unique requirements. Our experienced team is ready to work closely with you to develop customised conductor cable solutions that perfectly suit your specific rail or utility application needs.

Highest Quality: our accreditations are proof that we operate to the highest standards, we hold BE EN ISO 9001 (Quality Management), BS EN ISO AS9100 (manufacture of products for Aerospace, Space and Defence), BS EN ISO AS9120 (stock holding and supply of Aerospace material) in addition to a comprehensive range of customer-specific approvals.

Just In Time Supply: We offer fast turnaround times on the majority of our conductor cable range, with some items including Jumper wire and AWAC available from stock.

ROWAN CABLE PRODUCTS

Part of the Knight Group



AAC / AAC Cables

ACSR / AWAC

Copper Flexible Stranded Conductors

Stainless Steel Connectors

Other Flexible Stranded Connectors

Custom Cable Solutions

Our Railway Overhead Line Cable Range

Network Rail Certificate of Acceptance PA05/04797.

AAC / AAAC Cables - All Aluminium Conductor / All Aluminium Alloy Conductor

Description	OLEMI No.	Cat No.	Wire Dia. (mm)	Overall Dia. (mm)	Strand Config.	Nominal CSA mm2	Cond. Resist. Ohm/KM	Est. Break Force
Hornet Bare Aluminium Application: Bonding Cable	148/044/998	091/010267	3.25	16.3	19	150	0.182	24.7
PVC Hornet (Yellow) Hard Drawn Aluminium Insulated PVC (Yellow) Application: Bonding Cable	148/444/998	091/030337	3.25	16.3	19	150	0.182	24.7
PVC Hornet (Red) Hard Drawn Aluminium Insulated PVC (Red) Application: Bonding Cable	148/444/998	091/030337	3.25	16.3	19	150	0.182	24.7
PVC Hornet (Black) Hard Drawn Aluminium Insulated PVC (Black) Application: Bonding Cable	148/444/998	091/030337	3.25	16.3	19	150	0.182	24.7
Cockroach Bare Aluminium Application: Return Screening Conductor	148/045/998	091/010268	4.22	21.1	19	250	0.108	40.4
PVC Cockroach (Black) Aluminium Insulated Application: Return Screening Conductor	148/047/998	091/010319	4.22	21.1	19	250	0.108	40.4
Centipede Aluminium Application: Feeder Cable	148/752/998	091/030481	3.78	26.5	37	400	0.069	63.1

ACSR - Aluminium Conductor Steel Reinforced Cable AWAC - Aluminium Covered Steel / Aluminium Conductor

Description	OLEMI No.	Catalogue No.	Nominal CSA	CODE Names
7/3.95mm AWAC	148/075/998	091/010349	42	AWAC

Copper Flexible Stranded Conductors

Description	OLEMI No.	Catalogue No.	Nominal CSA	CODE Names
37/0.104in (37/2.64mm) Copper	148/867/998	091/010424	200	-
19/0.112in (19/2845mm) Copper	148/866/998	091/010528	120	-
37/0.093in (37/2.36mm) Copper	148/871/998	091/011144	160	-
19/3.20mm Hard Drawn Copper	148/048/998	091/010269	150	Catenary Wire / Trolley Wire
19/7/0.711 Copper Flexible	148/070/998	091/010424	52	Jumper Wire

Other Rail Connectors

Stainless Steel Connectors

Description	Nearest Equiv. OLEMI No.	Nom. Single Strand Dia. (mm)	Nom. Overall Dia. (mm)	Strand Config.	Tensile Strength min MPA	Strand Break Load min KN
19 x 1.63mm Stainless Steel	148-056-998	1.63	8.4	19	1420	52

Copper Flexible Stranded Connectors

Description	Equivalent OLEMI No.	Equivalent Catalogue No.	Nominal CSA	CODE Names
7/7/0.51mm				
19/7/0.71mm	148/070/998	0091/010271		Jumper Wire
37/2.25mm				
189/0.7mm		0091/045391		

Custom Cable Solutions

Custom Cable Solutions for the Rail Industry:

- ✓ Choice of materials: including Aluminium, Copper and Stainless Steel
- ✓ You can choose stranded or single end
- ✓ Choice of coated or uncoated finish

We also produce numerous special products for the Rail industry including:

- ✓ Electrical conductor cable
- ✓ Overhead line conductors (OHLC)
- ✓ Return screened conductors (RSC)
- ✓ Earth bonding conductors

The key materials we supply into the Rail Industry are:

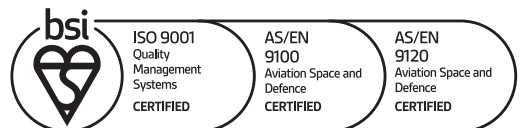
- Bare copper
- Tinned copper
- Enamelled copper
- Silver plated copper
- Nickel plated copper
- Aluminium and aluminium alloy
- Steel reinforced aluminium
- Coated phosphor bronze

Insulation options include:

PVC, Polyester and other specialist coatings

Our Rail company approvals include:

Network Rail
Eurostar
Metronet Rail



FM 500150

FM 500150

FM 500150



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ROWAN

CABLE PRODUCTS

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