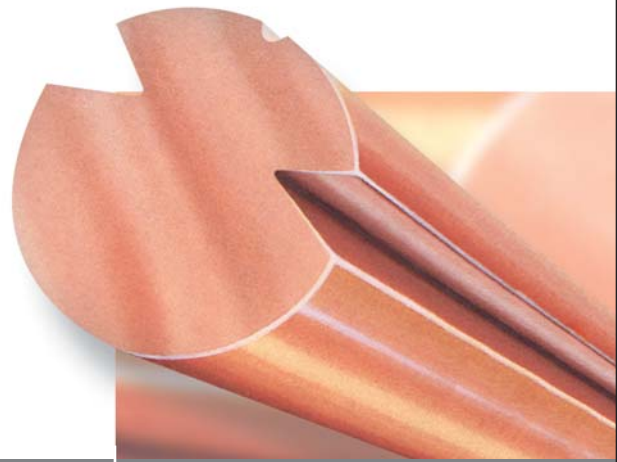


# KEMBLA

## RAILWAY CONTACT WIRE



## Hard drawn round and grooved contact wire for overhead electrified transport systems



### BENEFITS:

MM Kembla has been the principal supplier of contact wire to Australian and overseas light and heavy rail projects for over 85 years with over 6,500 kilometres installed over the last 15 years.

The Kembla brand of copper and copper alloy contact wire is manufactured in continuous joint-free lengths, layer wound on to suitable drums to suit the customer's requirements.

The feed material used is continuously cast and hot rolled copper or copper alloy large diameter rod from MM Kembla own Southwire rod plant at Port Kembla Australia.

Stringent quality control is maintained throughout the manufacturing process, with ISO accredited Test Certificates available for every drum of contact wire.

MM Kembla has the dedicated production capacity, experience and technical support from our in house tooling and laboratory facility to provide a high quality and competitive copper and copper alloy contact wire supply package for any rail electrification project.



### FEATURES:

Material can be supplied in HC copper, silver bearing copper or tin bearing copper alloys to any required shape, size and International Standard including British standard BS23, US standard ASTM B-47 and UIC standard 870.

Metal Manufactures tin bearing copper alloy contact wire offers superior strength, wear and softening characteristics and was developed as an alternative to the environmentally obsolete cadmium copper.

Our silver bearing copper alloy contact wire offers high conductivity and enhanced annealing temperatures, which are advantages for mass transit and high frequency rail systems.

### RECOMMENDED FOR

- Overhead electric railway systems
- Mass transit and high speed systems
- Both AC and DC applications
- Specialised applications for Tin and Silver Copper Alloys
- Light rail, tram and trolley bus systems
- Overhead travelling cranes



Quality  
Endorsed  
Company  
ISO 9001 Lic 0002/01  
SAI Global

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## SPECIFICATIONS - Kembla Railway Contact Wire

Size Range	Specifications	Alloys	Tempers
80-193mm <sup>2</sup> cross section area  <i>*Smaller sizes on application</i>	BS 23 ASTM B47 JIS E2101 UIC 870	H.C.Copper Tin Bearing Copper Silver Bearing Copper	Hard drawn
Pack Type	Pack Mass	Pack Dimensions	Pack Lengths
Steel or Wooden drums	5000kg maximum	Steel drum (typical) OD : 2000mm Barrel 1400 mm Overall width 900 mm <i>Drums can be supplied to meet customer requirements</i>	Depends on mass per length  <i>We can provide any length up to the equivalent 5000kg maximum pack</i>



**KEMBLA**  
RAILWAY CONTACT WIRE