



Suitable for use in ambient temperatures between -195°C to +400°C

Low conductor-resistance due to the nickel-plated copper conductors; Able to withstand temporary contact with molten metal or glass

- Short-term: up to +1565 °C
- For use in dry conditions



Product description

Application range

- Guarantees the circuit even in areas with extremely high ambient temperatures
- Blast furnaces and coking plants
- Refineries
- Glassworks
- Aluminium and steelworks

Benefits

- Low conductor-resistance due to the nickel-plated copper conductors
- Able to withstand temporary contact with molten metal or glass

Product Make-up

- Fine-wire strand made of nickel-plated copper
- Mica tape wrapping
- Impregnated glass fibre braiding,
core colour: red

Product features

- Flame-retardant
- Only suitable for use in dry conditions

Technical Data

Core identification code	red
Classification	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Conductor stranding	Fine copper wire strands
Minimum bending radius	Fixed installation: 5 x outer diameter
Nominal voltage	U ₀ /U: 300/500 V
Test voltage	2200 V
Temperature range	-195 °C to +400 °C (adequate ventilation required) Short-term: up to +1565 °C