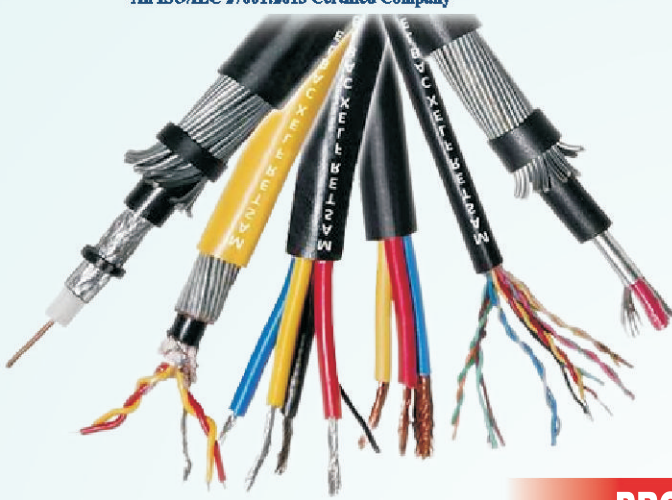




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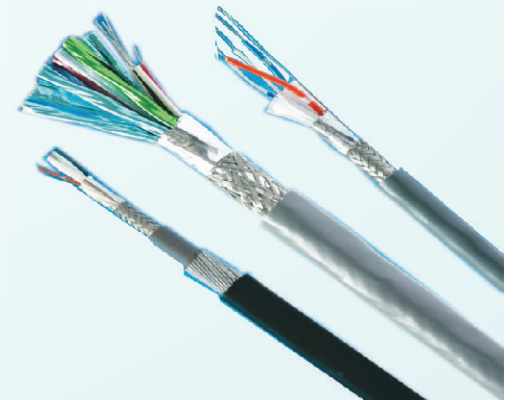
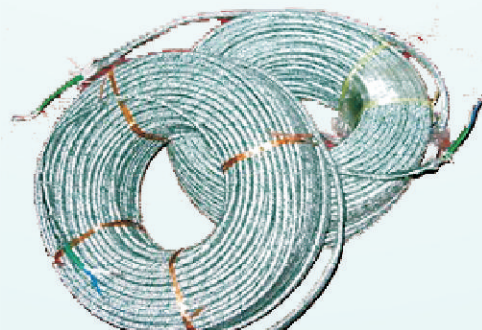
HEAT TECHNOLOGIES

211, Rishabh Complex, M.G. Road, Raipur (C.G.)-492001,
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PRODUCT RANGE (SPECIAL CABLE)

- INSTRUMENTATION SHIELDED SIGNAL CABLES. IN DIFFERENT SIZES AND CONSTRUCTION
- COMPENSATING & EXTENTION THERMOCOUPLE CABLES.
- HEAT RESISTANT CABLES (INSULATION, COMBINATION OF TEFLON, FIBRE GLASS, GLASS MICA, ASBESTOS ETC.)
- ELASTOMERIC CABLE E.G. VIR/TRS/EPR/CSP/SILICON AND EVA.
- DATA COMMUNICATIONS CABLES.
- CO-OXIAL CABLES.
- FIBRE OPTIC CABLE .
- MODBUS, ETHERNET, PROFINET, CABLES.
- DRAG CHAIN CABLE .
- PTFE ELECTRICAL SLEEVING.
- ANY OTHER SPECIAL CABLE TAILOR MADE TO CUSTOMER'S REQUIREMENT





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HEAT RESISTANT (HR) CABLE FOR SAF POWER WIRING IN ROTARY KILN OF SPONGE IRON PLANT

These cables are Design to work with high current load at high temperature at harsh environment of sponge iron plants Environment in and around Rotary Kiln is very harsh Ambient temperature is very High & Hot gases, chemical & Water vapour, Coal Dust are present.

These cable with suitable insulation can with stand Maximum temperature up to 600°C Intermittent for a maximum time of 1 minute and Forced water jet Spray.

Heat Resistant & Water Proof 1.1 KV Multistrand Cable with following construction Details:

- 1. Core Conductor** : Stranded high conductivity electrolytic grade annealed bare Copper.
- 2. Core Insulation** : Each Core is insulated with sintered & fused Teflon EE grade.
- 3. Common Jacket** : All Such Teflon undulated care are put under a thick. Sintered & Fused Teflon Jacket.
- 4. Glass-Mica Tapping** : When require to work at high temperature (up to 800°C or more intermittent) These Can be used on core or Jacket with Teflon.
- 5. FG Braiding** : Closely woven FG Braiding silicon varnished provides the cable additional mechanical, electrical & heat insulation strength.
- 6. SS Braiding** : Over all SS Braiding with covering not less than 85% provides mechanical strength and thus increase durability of the cable.
- 7. Asbestos Braiding** : 3 MM-6MM thick Asbestos braiding as replacement against asbestos cloth wrapping on cable exterior can also provide if required by customer.

- ★ SAF Power wiring should be done with correct size & quality of HR Cable otherwise it trips the kiln main motor & stops the Rotary Klin. If the cable quality is poor it will frequently stop the Rotary kiln leading to loss of production head ache for electric. Maintenance personnel.
- ★ Thermocouple Extension / Compensating Cable are connecting cable between Thermocouple & Transmitter / indicator. As they are laid on cable trays fixed on Rotary Kiln and other hot zone of sponge iron plant – T/T/FG/SS is most common construction .
- ★ 3 core PTFE insulated.RTD cables are connecting cable between RTD & Transmitter / Indicator / with T/T/FG/SS Construction.
- ★ PTFE Glass insulated multi core copper cables 1.5/2.5 SQ mm are also used for wiring in chimney, ESP/GCT area etc of sponge iron plants.

