

27/03/2026

ANNEXURE TO INDENT

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Specification for the Materials Indented vide Ref : 2526H/059 Dt : 27-03-2026

MaterialCode Description

- 742005080322 HRM-SCREENED TWISTED CABLE 0.5 X 4 PAIR Qty : 1000 M
- 1) No of pairs: 4 Pairs of 0.5 sq.mm
 - 2) Twisted pair unarmoured cable
 - 3) Conductor shall be annealed tinned stranded copper (as per IS 8130)
 - 4) Insulation voltage shall be atleast 500 V
 - 5) Each core in a pair shall be distinguished with different colours with numerical printing for identification of pair.
 - 6) The cable shall be supplied in non-returnable cable drum of minimum 500 mtrs length. Tolerance shall be +/-5%.
 - 7) Outer sheath shall be of PVC material (as per IS 5831) in black/grey colour. Inner sheath is not required
 - 8) The cable shall be flame-retardant
 - 9) Aluminium mylar tape shall be provided throughout the entire length of the cable for shielding. Individual pair shielding is not required.
 - 10) 0.5 sq mm annealed tinned copper wire shall be provided for overall cable. Individual drain wire is not needed
 - 11) Rated operating temperature shall be atleast 70 degree Celsius
 - 12) Maximum DC resistance of conductor at 20 degree Celsius shall be less than 41 Ohms/km
 - 13) Maximum DC resistance of drain wire at 20 degree Celsius shall be less than 37 Ohms/km
 - 14) High voltage withstanding capacity between core to core shall be atleast 2 kV for 1 minute
 - 15) High voltage withstanding capacity between core to screen shall be atleast 1 kV for 1 minute
 - 16) Routine test certificate shall be submitted for the cables along with the supply.
 - 17) Party shall provide the detailed product catalogue along with the offer.
- 742005080323 HRM-SCREENED TWISTED CABLE 0.5 X 8 PAIR Qty : 1000 M
- 1) No of pairs: 8 Pairs of 0.5 sq.mm
 - 2) Twisted pair unarmoured cable
 - 3) Conductor shall be annealed tinned stranded copper (as per IS 8130)
 - 4) Insulation voltage shall be atleast 500 V
 - 5) Each core in a pair shall be distinguished with different colours with numerical printing for identification of pair.
 - 6) The cable shall be supplied in non-returnable cable drum of minimum 500 mtrs length. Tolerance shall be +/-5%.

- 7) Outer sheath shall be of PVC material (as per IS 5831) in black/grey colour. Inner sheath is not required
- 8) The cable shall be flame-retardant
- 9) Aluminium mylar tape shall be provided throughout the entire length of the cable for shielding. Individual pair shielding is not required.
- 10) 0.5 sq mm annealed tinned copper wire shall be provided for overall cable. Individual drain wire is not needed
- 11) Rated operating temperature shall be atleast 70 degree Celsius
- 12) Maximum DC resistance of conductor at 20 degree Celsius shall be less than 41 Ohms/km
- 13) Maximum DC resistance of drain wire at 20 degree Celsius shall

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- be less than 37 Ohms/km
- 14) High voltage withstanding capacity between core to core shall be atleast 2 kV for 1 minute
- 15) High voltage withstanding capacity between core to screen shall be atleast 1 kV for 1 minute
- 16) Routine test certificate shall be submitted for the cables along with the supply.
- 17) Party shall provide the detailed product catalogue along with the offer.

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