

TECHNICAL SPECIFICATION OF MICA COVERED BARE RECTANGULAR COPPER CONDUCTOR

1. MATERIAL: ETP Grade copper as per DIN EN 13601:2002 or Oxygen free copper.
2. TYPE OF CONDUCTOR: Rectangular Bare Copper Conductor.
3. SIZE RANGE:
Width : 5.00 to 16.00 mm.
Thickness : 1.50 to 5.00 mm.
4. PROPERTIES OF BARE CONDUCTOR:
As per IEC 60317-0-2
5. TYPE OF MICA TAPE:
 - a. Polyester backed Mica tape(Mica tape bonded to PE tape by Epoxy resin)
 - b. Polyester backed Mica tape with a adhesive resin coated on outer surface of PE tape.(To bond the mica tape with copper conductor by heating & pressing)
6. TYPE OF COVERING:
 - a. One layer PE- Mica tape with 50% overlapping.
 - b. One layer polyester tape with 50% overlapping + One layer of Mica tape with 50% Overlapping.
 - c. One layer of PE tape + Multilayer of Mica tape with lapping design as required by the customer.
7. THICKNESS OF MICA TAPE:
0.09 ± 0.15 mm.

8. WIDTH OF MICA TAPE:
12.00, 15.00 & 20.00 mm.

9. MICA TAPE STANDARD:
IEC 60371 – 3.

10. PACKING: 80Kg. to 300Kg.