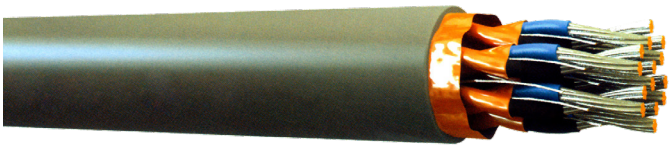
DEMKA
single source for all electrical needs

RU (I+C)



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Rated Voltage: 250V
- Min. Bending Radius: 10x Cable Outer Diameter
- Production Standard: NEK TS 606, IEC 60092/353, IEC 60092/350-360, IEC 60332/1-2, IEC 60332/3-22 Cat A, IEC 60754 / 1-2, IEC 61034 / 1-2 (DIN EN 50268 / 1-2), IEC60811 /403

CONSTRUCTION

Conductor: Tinned annealed stranded circular copper wire IEC 60228 Class 2

Insulation: Mica Glass Tape and Ethylene Propylene Rubber (EPR)

Twisting: Color coded cores twisted together to form a pair/triad

Individual Screen: Each pair/triple are screened by copper (or aluminium)backed polyester tape in contact with a stranded tinnedcopper drain wire and wrapped with polyester tape. Pairs/triples are identified by printed numbers on insulated conductors.

Collective Screen: Individually screened pairs/triples are laid-up and collectively screened by copper (or aluminium) backed polyester tape in contact with a stranded tinned copper drain wire.

Outer Sheath: Flame retardant, halogen-free thermoset compound, SHF2

Color: Grey

CODE of CABLE

- **RU (I+C)**

INTRODUCTION

These cables are used for fixed installation for control, instrumentation and telecommunication in both explosion and safe areas, emergency and critical systems where requirement for fire resistance exists.

SECTION RANGE

- **From 0.75mm² up to 2.5mm²**

CONDUCTOR QUANTITY

- **From 1 core up to 24 cores**

COLOUR CODE of CABLE

- Insulation Colours code could be according to the International Standards or customer's request/demand.
  * **Other colours can be produced upon the customer requests.**

FIRE PERFORMANCE Of CABLE SHEATHS

- Cables can be supplied with special flame retardant PVC outer sheath to comply with the flame test requirements of IEC 60332 Category A-B and C.