



SWITCH BOARD CABLES



DESCRIPTION

These are PVC / PE Insulated, PVC Sheathed, Screened or Unscreened Switch Board Telcom Cables.

APPLICATION

These Cables are used in Internal Locations of various Telephone Exchanges for Internal Wiring, I.e. bay to bay wiring, equipment to MDF wiring etc. Also, used in subscriber offices in large buildings.

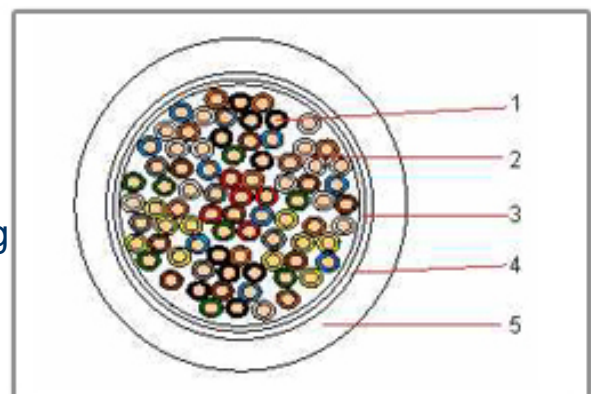
FEATURES

Available in standard conductor sizes of 0.4mm, 0.5mm & 0.6mm diameter. Available in 1 Pair to 128 Pair and more if required. Meets the flammability test requirement as per IEC 332 (Part-1)

TEC approved cable as per GR/WIR-06/03 Mar 2002

CABLE CROSS SECTION

- 1- Tinned Annealed Copper Conductor
- 2- PVC / PE Insulation
- 3- Core Wrap (Polyester)
- 4- Al Tape (Polyester Backed) screening with Drain Wire (Optional)
- 5- PVC Sheath with Rip Cord



IS/ ISO 9001-2000

IS/ ISO 14001



ELECTRICAL CHARACTERISTICS

- **Conductor Resistance @ 20°C (Maximum)**
 - 0.40 mm diameter** **143.00 Ω/Km**
 - 0.50 mm diameter** **92.20 Ω/Km**
 - 0.60 mm diameter** **64.00 Ω/Km**

- **Capacitance Unbalance (Maximum)**
Pair to Pair **230 pF/Km**

- **Insulation Resistance @ 50°C(Minimum)** **50 M Ω-Km**

- **Dielectric Strength** **3 KV DC, 1 Minute**

COLOUR CODE

FOR INSULATION OF 1 PAIR / 2 PAIR/ 3 PAIR / 4 PAIR / 5 PAIR / 10 PAIR / 20 PAIR UNIT

PAIR 1: WHITE-BLUE	PAIR 2: WHITE-ORANGE	PAIR 3: WHITE-GREEN	PAIR 4: WHITE-BROWN	PAIR 5: WHITE-GREY
PAIR 6: RED-BLUE	PAIR 7: RED-ORANGE	PAIR 8: RED-GREEN	PAIR 9: RED-BROWN	PAIR 10: RED-GREY
PAIR 11: BLACK-BLUE	PAIR 12: BLACK-ORANGE	PAIR 13: BLACK-GREEN	PAIR 14: BLACK-BROWN	PAIR 15: BLACK-GREY
PAIR 16: YELLOW-BLUE	PAIR 17: YELLOW-ORANGE	PAIR 18: YELLOW-GREEN	PAIR 19: YELLOW-BROWN	PAIR 20: YELLOW-GREY

FOR INSULATION OF 8 PAIR

PAIR 1: WHITE-BLUE	PAIR 2: WHITE-ORANGE	PAIR 3: WHITE-GREEN	PAIR 4: WHITE-BROWN
PAIR 5: RED-BLUE	PAIR 5: RED-ORANGE	PAIR 7: RED-GREEN	PAIR 8: RED-BROWN

FOR 8 PAIR SUB-UNIT BINDER COLOURS OF 32 PAIR

Binder 1: BLUE	Binder 2: ORANGE	PAIR 3: GREEN	PAIR 4: BROWN
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FOR 32 PAIR UNIT BINDER COLOURS OF 128 PAIR

Binder 1: WHITE	Binder 2: RED	PAIR 3: BLACK	PAIR 4: YELLOW
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