



# Y-CY-JB -Bedded Screened Cable



## Y-CY-JB -Bedded

- Special PVC Control cable
- Requirements adapted to DIN VDE0245,0281 pt13
- **Temperature Range**  
Flexing -5°C to +80°C  
Fixed installation -40°C to +80°C
- **Nominal Voltage-**  
300/500V to 1.5mm - 450/750 at 2.5mm+
- **Test Voltage** Core/Core 4000V
- **Breakdown Voltage : Min 8000V**
- **Insulation Resistance**  
Min 20 Mohm x KM
- **Minimum bending radius**  
Flexing 10 x Cable Ø  
Fixed installation 5 x Cable Ø
- **Radiation Resistance**  
Up to 80x10 cj/kg(up to 80 Mrad)

## Cable Construction

- Bare Copper , Fine wire ,bunch stranded acc to DIN VDE 0295 Cl.5 , BS6360 cl.5 and IEC 60228 cl.5
- Special core insulation of PVC Z7225
- Coloured Cores to JB/OB
- Cores stranded together with optimal Lay length
- PVC Inner Sheath
- Tinned copper braided screening, approx 87% coverage.
- Special PVC outer sheath , TM2 to Din VDE 0281 part 1 and HD 21.1
- Transparent Sheath

## **Properties**

- Extensively Oil resistant
- PVC self-extinguishing and flame retardant according to DIN VDE 0482 part 265-2-1/EN 50265-2-1/ IEC 60332-1 ( equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

## **Application**

These cables are ideal for use in the machine tool industry , computer systems etc as well as signal cables for electronics. The high level of screening ensures a high degree of interference protection. The screening assures disturbance free transmission of all signals and impulses.

This product conforms with the EC low directive 73/23/EEC and 93/68/EEC