



### Construction:

- Conductor material : bare copper.
- Conductor construction : fine stranded, class 5.
- Insulation : PVC, Tl2.
- Armour : galvanized steel wire braiding.
- Sheathing material : PVC, TM2.
- Core identification : numbers.

### Technical data and tests:

- Nominal voltage  $U_0/U$  : 300 / 500 V.
- Test voltage : 3000 V.
- Maximum temperature at conductor : 70° C.
- Max. operating temperature : fixed : - 40° ... + 70° C.  
moved/during installation : - 5° ... + 70° C.
- Bending radius : fixed installation : 6 x D.  
moved application : 20 x D.

\*Upon request this cable can be produced having a rated voltage of 0.6/1 kV.

### Standards:

- Conductor construction : DIN EN 60228
- Flame retardant : VOE 0482-332-1-2/IEC 60332-1.

### Applications:

YSLYSY is a power control cable with galvanized steel wire braiding. It is suitable for fixed installations or flexible applications. It can be used as measuring, checking and control cable in machine tool manufacturing, plant engineering and on assembly and production lines. It has unrestricted mobility without forced movement control and without exposure to tensile stress. It can be used energy or connecting cable in dry and moist rooms to meet stringent safety requirements.

| DIMENSIONS   |                      |                       |                        |
|--|----------------------|-----------------------|------------------------|
| Number of cores x nominal cross section<br>mm <sup>2</sup> | Outer diameter<br>mm | Cable weight<br>kg/km | Copper weight<br>kg/km |
| 2X0,5 TR   | 83                   | 89                    | 10                     |
| 2X0,75 TR  | 84                   | 104                   | 144                    |
| 2X1 TR   | 91                   | 115                   | 192                    |
| 2X1,5 TR   | 95                   | 149                   | 29                     |
| 2X2,5 TR   | 11                   | 200                   | 48                     |

TR - transparent  
GR - grey

