

## ■ Cable type 21 - 16x0,25 LiYCY

16 conductors 0,25mm<sup>2</sup> (AWG23) with overall copper screen LiYCY ()



### **Construction :**

#### **Conductor :**

Bare copper strands

#### **Insulation :**

PVC

#### **Colour code :**

DIN 47100

#### **Stranding :**

In layers

#### **Separator :**

PETP foil

#### **Screen :**

Tinned copper braiding  
with a tinned copper drain wire (0,34mm<sup>2</sup>)

#### **Sheath material :**

PVC

#### **Sheath colour :**

Grey or beige

### **Technical specifications :**

#### **Peak operating voltage :**

Max. 500V

#### **Minimum bending radius :**

Fixed laying : 5 x d

Flexible application : 10 x d

#### **Absence of harmful substances :**

RoHS compliant

#### **Temperature Range :**

Fixed laying : -30/+70°C

Flexible application : -5/+70°C

#### **Fire Performance :**

Flame retardant and self-extinguishing  
(IEC 60332-1-2 + EN60332-1-2)

#### **Resistances :**

Radiation :  $8 \times 10^7$  cJ/kg

To a large extent resistant to Oil, Solvents, Acids, Lyes

**No. of Cores x  
cross section**  
(n x mm<sup>2</sup>)

16 x 0,25

**Outer diameter**  
+/- 5%  
(mm)

7,4

**Copper figure**  
(kg/km)

71

**Cable weight**  
approximation  
(kg/km)

91

