

## ■ Cable type 28 - 12x2x0,25 LiYCY (B) TP

12 pairs 0,25mm<sup>2</sup> (AWG23) Shielded Twisted Pairs LiYCY (B) TP ()



### Construction :

#### Conductor :

Bare copper strands

#### Insulation :

PVC

#### Colour code :

DIN 47100

#### Stranding :

Cores twisted to pairs, pairs twisted 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 x 10<sup>7</sup> cJ/kg

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

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

12 x 2 x 0,25

**Outer diameter**  
+/- 10%  
*(mm)*

10,9

**Copper figure**  
*(kg/km)*

101,9

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

160

