



Telecommunication cables for subscriber lines are suitable for installation indoors, outdoors and for direct burial in earth. For indoor installation should be kept in mind, that cables with PE-insulation and PE-sheath are not flame retardant.

The following items have to be considered:

- protection against mechanical damage
- protection against chemical and thermic influence
- the cables are not permitted for use in power circuits

The maximum permitted pulling force during installation is $P = \sigma \cdot A$, where is $\sigma = 50 \text{ N/mm}^2$ and A the sum of the cross-section of all copper conductors. All turns of the installation line shall be well shaped and equipped with rolls.

If the cable is fixed on trays or ladders by clamps, compression of the cables must be strictly avoided.

The petrol jelly filler of filled cables can be removed by a suitable solvent, for example cleaning spirit.

The bending radius is $7.5 \times D_A$ resp. $2.5 \times D_A$ for singular bending (forming) without tension stress. Special attention should be paid to the fact, that cables must not be pulled about sharp edges.

The minimum installation temperature for cables with Polyethylen sheath is $-20 \text{ }^\circ\text{C}$, for cables with PVC sheath $-5 \text{ }^\circ\text{C}$.