

Fixedly installed, buried PVC cable with solid aluminium conductors

### Product Description



### Application range

- As a fixed installation power and control cable for the following applications:
- For indoor- and outdoor use
- Direct burial
- In concrete
- In water

### Design

- Conductor of aluminium
- Core insulation: Based on PVC
- Filling compound over the core assembly
- PVC based outer sheath

### Product features

- Flame retardant according to IEC 60332-1-2
- Maximum tensile load for aluminium conductors is 30 N/mm<sup>2</sup>
- Power rating acc. to HD 603 part 3G for outdoor laying and as per VDE 0298 part 4 (see also appendix T12) for laying in and on buildings

## Cross-References

### Accessories

Tube Cable lugs and other connectors made of aluminium or bimetal AICu are available on request

## Technical Data

### Core identification code

According to VDE 0293-308 (table T9)

### Approvals

VDE 0276 Part 603

### Conductor stranding

Single wire

### Minimum bending radius

Fixed installation: 12 x outer diameter

### Rated voltage

U0/U: 0,6/1,0 kV

### Test voltage

4000 V

### Range of temperature

For installation: +5°C up to +50°C

Fixed installation: -30°C to +70°C

## Article List

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm	Alu index kg/km	Weight kg/km
1552010	4 x 35re	28,2	406.0	1170
1552011	4 x 50se	29,8	580.0	1305
1552012	4 x 70se	34,2	812.0	1730
1552013	4 x 95se	38,6	1102.0	2205
1552014	4 x 120se	41,9	1392.0	2655
1552015	4 x 150se	45,6	1740.0	3150
1552016	4 x 185se	50,8	2146.0	3925
1552017	4 x 240se	59,6	2784.0	4880

### Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Aluminium price basis: Excluding Aluminium; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Photographs are not to scale and do not represent detailed images of the respective products.