

## YTLY

### TELECOMMUNICATION FLEXIBLE WIRES



### APPLICATIONS

YTLY are wires intended for fixed connections inside the telecommunication devices and for satellite antennas control.

### CONSTRUCTION

- flexible, multiwire conductors, stranded of bare annealed copper wires (tin-plated on request),
- PVC insulation - identification colour code according to PN-91/E-90206,
- insulated conductors laid-up in a cable core,
- PVC cable sheath, white RAL 9010, other colours also available.

### AVAILABLE UPON REQUEST

11YTLY – polyurethane sheathed wires of enhanced protection against mechanical damage, particularly to abrasion and tear, also resistant to bacteria and ultraviolet radiation.

### CHARACTERISTICS

| Conductor cross-section                  | mm <sup>2</sup> | 0.22 | 0.35 | 0.50 | 0.75 |
|------------------------------------------|-----------------|------|------|------|------|
| DC conductor resistance at 20°C, maximum | Ω/km            | 92.5 | 60.7 | 40.3 | 26.9 |
| Voltage test                             | V rms           | 1000 | 1500 | 1500 | 1500 |
| – AC voltage for 60s                     | V               | 1500 | 2250 | 2250 | 2250 |
| – DC voltage                             |                 |      |      |      |      |

Operating voltage 150 V

Insulation resistance, minimum 200 MΩ·km

Operating temperature range

during operation

during installation

from - 30 to + 70°C

from - 5 to + 50°C

Minimum bending radius

15 x cable diameter

Cable combustibility

flame retardant

Combustibility tests

PN-EN 60332-1-2, IEC 60332-1-2

Reference standards

PN-92/T-90200, PN-92/T-90203,  
PN-91/T90206

CE = the cable meets requirements of the low voltage directive 2014/35/EU

| Product No. | Number of conductors x conductor diameter | Cable outer diameter (appr.) | Copper index | Cable weight (appr.) |
|-------------|-------------------------------------------|------------------------------|--------------|----------------------|
|             | mm <sup>2</sup>                           | mm                           | kg/km        | kg/km                |
| 0419 013    | 1x0,5 + 7x0,35                            | 6.0                          | 28.3         | 59.2                 |
| 0419 014    | 2x0,5 + 2x0,22                            | 4.0                          | 13.8         | 25.7                 |
| 0419 022    | 2x0,5 + 3x0,22                            | 4.2                          | 15.9         | 29.7                 |

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|-------------|-------------------------------------------|------------------------------|--------------|----------------------|
|             | mm <sup>2</sup>                           | mm                           | kg/km        | kg/km                |
| 0419 015    | 2x0,5 + 4x0,22                            | 5.0                          | 18.0         | 37.0                 |
| 0419 032    | 2x0,5 + 8x0,22                            | 6.4                          | 26.5         | 60.0                 |
| 0419 016    | 2x0,75 + 2x0,22                           | 6.4                          | 18.6         | 52.9                 |

Other cross-sections and conductor counts available on request.

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.