

LIYCY



Kullanım Alanı

Elektronik kontrol sistemlerindeki bağlantılarda ses frekansı iletiminde, sinyal ve bilgi iletişim kablosu olarak kullanılır.

Kablo Yapısı

- Çok telli bükülü elektrolitik tavlı bakır
- DIN47100 Standardına uygun renklerde PVC izolasyon
- Damarlar katlar halinde bükülür
- Sarmal polyester bant
- Kalaylı bakır tellerden örgü
- PVC dış kılıf , RAL7001 Gri renkli
- Paketleme: 500m veya 1000m tahta makaralarda
- Referans standartlar: VDE 0814 ve VDE0812

Elektriksel Özellikler

Çalışma Gerilimi
350 / 500 V

Test Gerilimi
1200 V

İzolasyon Direnci
> 200 MΩ km

Çalışma Sıcaklığı
-30°C ... + 70°C

Min. Bükülme Yarı Çapı
10 x Dış Çap

Alev Dayanıklılık
IEC 60332-1 Standardına göre alev geciktirici

Application

These cables are used for connections in the electronic control technology, signal and data transmission cables for voice frequency transmissions.

Cable Construction

- Class 5 annealed copper conductors according to IEC 60228
- PVC insulation, with colour coding according to DIN47100
- Cores twisted in layers
- Polyester tape wrapping
- Tinned copper wire braiding
- PVC outer sheath, RAL7001 Grey colour
- Packing in 500m or 1000m drum
- Reference Standards: Generally VDE0814 and VDE0812

Electrical Data

Operating Voltage
350 / 500 V

Test Voltage
1200 V

Insulation Resistance
> 200 MΩ km

Temperature Range
-30°C ... + 70°C

Min. Bending Radius
10 x Overall Diameter

Flame Behaviour
Flame retardant according to IEC 60332-1

| İletken Çapı Cross Section (mm ²) | Max. İletken Direnci (20°C) Max. Conductor Resistance (ohm/km) |
|--|---|
| 0.14 | 148.0 |
| 0.22 | 92.0 |
| 0.25 | 79.9 |
| 0.34 | 53.0 |
| 0.50 | 39.0 |
| 0.75 | 26.0 |
| 1.00 | 19.5 |
| 1.50 | 13.3 |
| 2.50 | 7.98 |

| Damar sayısı x Nominal Kesit No. Of Cores x Cross Section (mm ²) | Dış Çap Overall Diameter (mm) | Bakır Ağırlığı Copper Weight (kg/km) | Kablo Ağırlığı Approx. Weight (kg/km) |
|---|----------------------------------|---|--|
| 2 x 0.14 | 3.9 | 9.9 | 21 |
| 3 x 0.14 | 4.1 | 11.2 | 25 |
| 4 x 0.14 | 4.4 | 14.5 | 30 |
| 5 x 0.14 | 4.7 | 15.9 | 33 |
| 6 x 0.14 | 5.0 | 17.3 | 37 |
| 7 x 0.14 | 5.0 | 18.7 | 39 |
| 8 x 0.14 | 5.4 | 20.0 | 48 |
| 9 x 0.14 | 6.0 | 23.8 | 51 |
| 10 x 0.14 | 6.0 | 26.9 | 54 |
| 12 x 0.14 | 6.3 | 29.7 | 59 |
| 14 x 0.14 | 6.6 | 32.6 | 65 |
| 16 x 0.14 | 6.9 | 37.5 | 73 |
| 18 x 0.14 | 7.7 | 40.4 | 79 |
| 20 x 0.14 | 7.7 | 48.0 | 96 |
| 25 x 0.14 | 8.5 | 60.1 | 111 |
| 2 x 0.22 | 4.3 | 9.1 | 24 |
| 3 x 0.22 | 4.6 | 13.8 | 29 |
| 4 x 0.22 | 5.0 | 16.0 | 32 |
| 5 x 0.22 | 5.2 | 18.7 | 39 |
| 6 x 0.22 | 5.8 | 21.3 | 43 |
| 7 x 0.22 | 5.8 | 24.2 | 52 |
| 8 x 0.22 | 6.3 | 28.0 | 57 |
| 9 x 0.22 | 6.8 | 31.0 | 61 |
| 10 x 0.22 | 6.8 | 33.2 | 70 |
| 12 x 0.22 | 7.1 | 38.0 | 76 |
| 14 x 0.22 | 7.6 | 43.0 | 87 |
| 16 x 0.22 | 8.0 | 48.5 | 100 |
| 18 x 0.22 | 8.8 | 54.0 | 108 |
| 20 x 0.22 | 8.8 | 58.0 | 118 |
| 25 x 0.22 | 9.6 | 72.0 | 140 |
| 2 x 0.25 | 4.3 | 13.8 | 27 |
| 3 x 0.25 | 4.5 | 16.2 | 31 |
| 4 x 0.25 | 4.8 | 18.6 | 36 |
| 5 x 0.25 | 5.2 | 23.0 | 43 |
| 6 x 0.25 | 5.6 | 25.5 | 48 |
| 7 x 0.25 | 5.6 | 27.9 | 52 |
| 8 x 0.25 | 6.5 | 30.0 | 57 |
| 9 x 0.25 | 6.9 | 35.0 | 65 |
| 10 x 0.25 | 6.9 | 39.5 | 71 |
| 12 x 0.25 | 7.1 | 44.4 | 80 |
| 14 x 0.25 | 7.4 | 49.3 | 88 |
| 16 x 0.25 | 7.8 | 54.4 | 97 |
| 18 x 0.25 | 8.9 | 68.8 | 116 |
| 20 x 0.25 | 8.9 | 70.0 | 132 |
| 25 x 0.25 | 9.9 | 87.0 | 153 |

LIYCY

| Damar sayısı x Nominal Kesit No. Of Cores x Cross Section (mm ²) | Dış Çap Overall Diameter (mm) | Bakır Ağırlığı Copper Weight (kg/km) | Kablo Ağırlığı Approx. Weight (kg/km) |
|---|----------------------------------|---|--|
| 2 x 0.34 | 4.9 | 15.6 | 32 |
| 3 x 0.34 | 5.2 | 20.8 | 41 |
| 4 x 0.34 | 5.6 | 24.1 | 47 |
| 5 x 0.34 | 6.0 | 29.4 | 56 |
| 6 x 0.34 | 6.5 | 32.9 | 63 |
| 7 x 0.34 | 6.5 | 36.1 | 69 |
| 8 x 0.34 | 7.7 | 43.0 | 83 |
| 9 x 0.34 | 8.3 | 47.2 | 89 |
| 10 x 0.34 | 8.3 | 58.1 | 103 |
| 12 x 0.34 | 8.6 | 64.9 | 115 |
| 14 x 0.34 | 9.0 | 71.9 | 127 |
| 16 x 0.34 | 9.6 | 78.8 | 144 |
| 18 x 0.34 | 10.4 | 89.9 | 162 |
| 20 x 0.34 | 10.4 | 92.0 | 166 |
| 25 x 0.34 | 11.7 | 115.1 | 208 |
| 2 x 0.50 | 5.1 | 20.7 | 38 |
| 3 x 0.50 | 5.4 | 25.7 | 47 |
| 4 x 0.50 | 5.8 | 30.6 | 55 |
| 5 x 0.50 | 6.3 | 37.6 | 66 |
| 6 x 0.50 | 6.8 | 42.7 | 75 |
| 7 x 0.50 | 6.8 | 47.5 | 82 |
| 8 x 0.50 | 8.3 | 56.4 | 94 |
| 9 x 0.50 | 8.8 | 62.0 | 113 |
| 10 x 0.50 | 8.8 | 74.6 | 122 |
| 12 x 0.50 | 9.0 | 84.7 | 138 |
| 14 x 0.50 | 9.6 | 94.8 | 158 |
| 16 x 0.50 | 10.1 | 109.1 | 179 |
| 18 x 0.50 | 11.0 | 119.5 | 196 |
| 20 x 0.50 | 11.0 | 127.0 | 226 |
| 25 x 0.50 | 12.6 | 169.4 | 275 |
| 2 x 0.75 | 5.7 | 25.8 | 46 |
| 3 x 0.75 | 6.0 | 35.0 | 59 |
| 4 x 0.75 | 6.5 | 42.5 | 71 |
| 5 x 0.75 | 7.1 | 52.1 | 86 |
| 6 x 0.75 | 7.7 | 59.7 | 98 |
| 7 x 0.75 | 7.7 | 67.0 | 108 |
| 8 x 0.75 | 8.7 | 76.0 | 117 |
| 9 x 0.75 | 10.0 | 85.0 | 128 |
| 10 x 0.75 | 10.0 | 104.3 | 165 |
| 12 x 0.75 | 10.4 | 119.2 | 187 |
| 14 x 0.75 | 10.9 | 134.5 | 210 |
| 16 x 0.75 | 11.5 | 150.0 | 234 |
| 18 x 0.75 | 12.1 | 165.5 | 257 |
| 20 x 0.75 | 12.1 | 184.0 | 284 |
| 25 x 0.75 | 14.4 | 234.2 | 361 |

| Damar sayısı x Nominal Kesit No. Of Cores x Cross Section (mm ²) | Dış Çap Overall Diameter (mm) | Bakır Ağırlığı Copper Weight (kg/km) | Kablo Ağırlığı Approx. Weight (kg/km) |
|---|----------------------------------|---|--|
| 2 x 1.00 | 5.9 | 31.0 | 52 |
| 3 x 1.00 | 6.3 | 42.0 | 68 |
| 4 x 1.00 | 6.9 | 52.0 | 83 |
| 5 x 1.00 | 7.6 | 64.0 | 100 |
| 6 x 1.00 | 8.5 | 84.0 | 124 |
| 7 x 1.00 | 8.5 | 93.0 | 137 |
| 8 x 1.00 | 9.4 | 102.0 | 156 |
| 9 x 1.00 | 10.6 | 114.0 | 174 |
| 10 x 1.00 | 10.6 | 129.0 | 193 |
| 12 x 1.00 | 10.8 | 149.0 | 221 |
| 14 x 1.00 | 11.4 | 169.0 | 249 |
| 16 x 1.00 | 12.0 | 189.0 | 278 |
| 18 x 1.00 | 13.1 | 223.0 | 326 |
| 20 x 1.00 | 13.1 | 238.0 | 367 |
| 25 x 1.00 | 15.0 | 304.0 | 438 |
| 2 x 1.50 | 6.9 | 43.0 | 71 |
| 3 x 1.50 | 7.3 | 58.0 | 91 |
| 4 x 1.50 | 8.2 | 82.0 | 124 |
| 5 x 1.50 | 8.9 | 97.0 | 146 |
| 6 x 1.50 | 9.9 | 112.0 | 173 |
| 7 x 1.50 | 9.9 | 127.0 | 192 |
| 8 x 1.50 | 11.0 | 143.0 | 213 |
| 9 x 1.50 | 12.5 | 162.0 | 264 |
| 10 x 1.50 | 12.5 | 191.0 | 285 |
| 12 x 1.50 | 13.2 | 220.0 | 326 |
| 14 x 1.50 | 13.9 | 250.0 | 369 |
| 16 x 1.50 | 14.6 | 280.0 | 411 |
| 18 x 1.50 | 15.8 | 318.0 | 470 |
| 20 x 1.50 | 15.8 | 342.0 | 510 |
| 25 x 1.50 | 18.2 | 425.0 | 622 |
| 2 x 2.50 | 7.9 | 64.0 | 96 |
| 3 x 2.50 | 8.6 | 97.0 | 138 |
| 4 x 2.50 | 9.6 | 122.0 | 175 |
| 5 x 2.50 | 10.5 | 150.0 | 213 |
| 6 x 2.50 | 11.4 | 175.0 | 247 |
| 7 x 2.50 | 11.4 | 199.0 | 277 |
| 8 x 2.50 | 14.0 | 220.0 | 326 |
| 9 x 2.50 | 14.8 | 240.0 | 364 |
| 10 x 2.50 | 14.8 | 298.0 | 412 |
| 12 x 2.50 | 15.5 | 346.0 | 482 |
| 14 x 2.50 | 16.3 | 396.0 | 547 |
| 16 x 2.50 | 17.2 | 446.0 | 613 |
| 18 x 2.50 | 18.5 | 496.0 | 654 |
| 20 x 2.50 | 18.5 | 534.0 | 684 |
| 25 x 2.50 | 21.4 | 671.0 | 920 |