



J-Y(St)Y...Bd 105 °C



Kullanım Alanları

Elektronik yangın kontrol sistemlerindeki, sabit tesisatlarda yangın ihbar kablosu olarak kullanılır.

Kablo Yapısı

İç İletken
Elektrolitik Bakır Tel
EN, IEC 60228

İzolasyon
PVC, DIN VDE 0815 izole renk kodlamasına uygun
105 °C, EN 50290-2-21 TM52

Büküm
Grup halinde bükülü damarlar

Polyester
Pet Bant

Toprak İletken
Kalaylı Bakır Toprak Teli

Folyo
Al-Pet Folyo

Dış Kılıf
PVC, RAL 3000 Kırmızı 105 °C
EN 50290-2-22 TM52

Teknik Özellikler

Çalışma Sıcaklığı -30°C ... + 70°C
Min. Bük. Yarı Çapı 10 x D
Çalışma Gerilimi 300 V
Yalıtım Direnci 100 MΩ km
Maks. Kapasitans 100 nF/km
Maks. Kapasite Dengesizliği 300 pF / 500 m
Test Gerilimi
≤ 1.00 mm 800 V
≥ 1.00 mm² 1000 V
Ambalaj 500 / 1000 m

Standartlar

TS 13767
CPR Sınıfı
E_{ca}
Alev Geciktiricilik
EN 60332-1-2

Application

These cables are used fire alarm connections in the electronic fire control systems at fixed indoor installations.

Cable Construction

Inner Conductor
Electrolytic Copper Wire
EN, IEC 60228

Insulation
PVC, DIN VDE 0815 Suitable for isolated color
105 °C, EN 50290-2-21 TM52

Stranding
Twisted in Group

Polyester
Pet Band

Drain Wire
Tinned Copper Drain Wire

Foil
Al-Pet Foil

Outer Sheath
PVC, RAL 3000 Red 105 °C
EN 50290-2-22 TM52

Technical Properties

Operating Temperature -30°C ... + 70°C
Min. Bending Radius 10 x D
Operating Voltage 300 V
Insulation Resistance 100 MΩ km
Max. Capacitance 100 nF/km
Max. Capacitance Unbalance 300 pF / 500 m
Test Voltage
≤ 1.00 mm 800 V
≥ 1.00 mm² 1000 V
Packing 500 / 1000 m

Standards

TS 13767
Euro Class
E_{ca}
Flame Retardancy
EN 60332-1-2

| İletken Çapı Cross Section (mm) (mm ²) | İletken Direnci Conductor Resistance (Ohm/km @ 20 °C) |
|--|---|
| 0.60 mm | 130 Ω/km |
| 0.80 mm | 73.2 Ω/km |
| 1.00 mm | 44.4 Ω/km |
| 1.00 mm ² | 36.2 Ω/km |
| 1.50 mm ² | 24.2 Ω/km |
| 2.50 mm ² | 14.8 Ω/km |

| Damar Sayısı x Kesit No. Of Cores x Cross Section (mm ²) | Kablo Çapı Overall Diameter (mm) | Bakır Ağırlığı Copper Weight (kg/km) | Kablo Ağırlığı Cable Weight (kg/km) |
|--|--|--|---|
| 1 x 2 x 0.60 | 4.4 | 8.0 | 24 |
| 2 x 2 x 0.60 | 5.1 | 14.0 | 34 |
| 3 x 2 x 0.60 | 6.1 | 17.0 | 46 |
| 4 x 2 x 0.60 | 6.5 | 23.0 | 55 |
| 5 x 2 x 0.60 | 7.0 | 28.0 | 64 |
| 6 x 2 x 0.60 | 7.5 | 34.0 | 73 |
| 8 x 2 x 0.60 | 7.9 | 45.0 | 89 |
| 10 x 2 x 0.60 | 9.0 | 57.0 | 110 |
| 12 x 2 x 0.60 | 9.4 | 68.0 | 126 |
| 14 x 2 x 0.60 | 9.9 | 79.0 | 142 |
| 16 x 2 x 0.60 | 10.4 | 90.0 | 158 |
| 20 x 2 x 0.60 | 11.3 | 111.0 | 190 |
| 1 x 2 x 0.80 | 5.6 | 11.0 | 37 |
| 2 x 2 x 0.80 | 6.7 | 21.0 | 56 |
| 3 x 2 x 0.80 | 8.2 | 30.0 | 78 |
| 4 x 2 x 0.80 | 9.0 | 40.0 | 96 |
| 5 x 2 x 0.80 | 9.8 | 49.0 | 114 |
| 6 x 2 x 0.80 | 10.6 | 59.0 | 131 |
| 8 x 2 x 0.80 | 11.2 | 78.0 | 163 |
| 10 x 2 x 0.80 | 13.2 | 99.0 | 212 |
| 12 x 2 x 0.80 | 13.8 | 119.0 | 244 |
| 14 x 2 x 0.80 | 14.7 | 138.0 | 278 |
| 16 x 2 x 0.80 | 15.5 | 157.0 | 310 |
| 20 x 2 x 0.80 | 17.0 | 196.0 | 376 |
| 1 x 2 x 1.00 | 6.2 | 19.0 | 55 |
| 2 x 2 x 1.00 | 8.1 | 33.0 | 85 |
| 4 x 2 x 1.00 | 10.6 | 78.0 | 164 |
| 1 x 2 x 1.50 | 6.8 | 32.0 | 70 |
| 2 x 2 x 1.50 | 9.6 | 57.0 | 124 |
| 4 x 2 x 1.50 | 11.3 | 111.0 | 197 |
| 1 x 2 x 2.50 | 7.8 | 49.0 | 96 |
| 2 x 2 x 2.50 | 10.6 | 100.0 | 165 |
| 4 x 2 x 2.50 | 14.1 | 182.6 | 310 |