J-Y(ST)Y...LG Indoor Cable

Installation cable in accordance with DIN VDE 0815

Indoor telephone cables transmit analogue or digital signals; Aluminium-laminated plastic foil static screen with tin-plated drain wire minimises the interference of high frequency, electromagnetic fields; Decoupling of circuits by means of
twisted-pair (TP) design (crosstalk effects)

Product description

Application range

- Connection cable for use in electronics and in measurement, control and signal applications
- In news and communication applications, the following connections can be installed: telephone, telefax, telex, standard modems for postal services; burglar and fire alarm systems (cf. fire alarm cables); communication and paging systems; access control, time and data control systems
- Can be used in dry and wet interiors for fixed installation on and under plaster

Benefits

- Indoor telephone cables transmit analogue or digital signals
- Aluminium-laminated plastic foil static screen with tin-plated drain wire minimises the interference of high frequency, electromagnetic fields
- Decoupling of circuits by means of
  twisted-pair (TP) design (crosstalk effects)

J-Y(ST)Y...LG Indoor Cable

Product Make-up

- Solid bare copper conductor
- Core insulation made of PVC
- Cores twisted in pairs,
  pairs twisted together,
  foil wrapping over cable core,
  static screen made of aluminium-laminated plastic film with copper drain wire
- Outer sheath made of PVC
  Outer sheath colour: pebble grey (RAL 7032)

Norm references / Approvals

- In accordance with DIN VDE 0815
  type J-Y(ST)Y...LG

Product features

- The 2-paired versions = star quad cable design
- Flame-retardant according IEC 60332-1-2

Technical Data

Core identification code	according to VDE 0815, refer to Appendix T10
Peak operating voltage	(not for power applications) 300 V
Classification	ETIM 5.0 Class-ID: EC000829 ETIM 5.0 Class-Description: Control cable
Coupling	(800 Hz): K1: 80% ? 300 pF/100m
Conductor cross-section in	0.6 mm: 0.28 mm² 0.8 mm: 0.50 mm²
Cable attenuation/attenuation	0.6 mm: 1.7 dB/km 0.8 mm: 1.1 dB/km
Minimum bending radius	Fixed installation: 10 x outer diameter
Test voltage	Core/core: 800 V Core/screen: 800 V
Loop resistance	0.6 mm: max. 130 ohm/km 0.8 mm: max. 73.2 ohm/km
Temperature range	Occasional flexing: -5°C to +50°C Fixed installation: -30°C to +70°C