

INDUSTRIAL COMPONENT DATA

0165501 KEL-SY Fe/CuNi JX 4x1,5 IEC LAPP KEL-SY Fe/CuNi JX 4x1,5 IEC

Brand: LAPP | Manufacturer Part Number: 0165501



Manufacturer	LAPP
MPN / Reference	0165501
Catalog number	KEL-SY Fe/CuNi JX 4x1,5 IEC
Category	Thermocouple cable
Minimum order	50 m.
Document ID	EO-EA69131E29
Generated	2026-08-05

Product Overview

KEL-SY Fe/CuNi JX 4x1,5 IEC

Extension- and compensating cables, multi-paired

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path LAPP > ÖLFLEX HEAT Temperature measurement cables

Additional Product Information

Extension and compensating cables, multi-paired version - suitable for use in temperature measurement and manufacturing process control

Version SY - Armoured against mechanical loads

Version ST - Screened against electro-magnetical interference

Product Make-up

Version Y:

- Fine-wire conductor alloy
- PVC core insulation
- Cores twisted into layers
- PVC outer sheath

Version SY:

- Design as version Y

- Additional galvanised steel wire braiding
- PVC outer sheath

Version ST:

- Design as version Y
- Cores twisted in pairs,
pairs twisted in layers
- Aluminium foil screening + drain wire
- PVC outer sheath

Design, for example PVC-PVC-S-PVC:

- PVC core insulation
- PVC inner sheath
- Steel wire braiding
- PVC outer sheath

Design, for example PVC-ST-PVC:

- PVC core insulation
- Static foil screen
- PVC outer sheath

Colour identity code

DIN 43710

Negative conductor and outer sheath:

Fe/CuNi: blue

NiCr/Ni: green

PtRh/Pt: white

Positive conductor: always red

IEC 60 584

Positive conductor and outer sheath:

Fe/CuNi: black

NiCr/Ni: green

PtRh/Pt: orange

Negative conductor: always white

Extension-conductor alloys are identified
with X, e.g. JX (Fe/CuNi)

Compensating-conductor alloys are
identified with C, e.g. KCA (NiCr/Ni)

Classification ETIM 5

ETIM 5.0 Class-ID: EC000838

ETIM 5.0 Class-Description: Thermocouple cable

Classification ETIM 6

ETIM 6.0 Class-ID: EC000838

ETIM 6.0 Class-Description: Thermocouple cable

Core identification code

From 4 cores in pairs with consecutively marked n...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send LAPP / 0165501 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.