

SKD02-T Non-armored Cable Kit

Non-armored data cable

This non-armored data cable is specially designed for hazardous areas in accordance with EN 60079-14 for use in arctic and tropical temperatures, -60 °C to 80 °C (-76 °F to 176 °F). The cable meets the transmission characteristics for Cat 6 of IEC 61156-5 Edition 2. It is halogen-free and resistant to mechanical stress, oils, and greases. SKD02-T is a high-speed Industrial Ethernet cable for fixed installations in dry, wet, or damp rooms.

- > **Network cable**
- > **Ex-certified cable gland included**
- > **For hazardous areas**



SKD02-T Non-armored Cable Kit

Approvals

Cable:

EN 60079-14:2014, IEC 60079-14:2013,
EN 50288-10-1, IEC 61156-5, EN 50173,
ISO/IEC 11801 2. edition, IEC 60754-2, UL AWM 21586,
EN 60332-1-2, IEC 60811-404

Chemical characteristics:

RoHS 2011/65/EU ; IEC 60811-2-1 (IRM 902, 4h at 70° C); The cable is sunlight resistant in accordance with UL 2556 Sec. 4.2.8.5 (720h).

The cable is flame retardant in accordance with IEC 60332-1-2.

The cable is oil resistant in accordance with IEC 60811-404 (7x24h at 90°C).

The cable is mud resistant in accordance with NEK 606.

Certifications

Cable gland certifications

Model key: ADE 1F2

ATEX

II 2G Ex db/eb IIC

II 2D Ex tb IIIC

Certificate: INERIS 12ATEX0032X

IECEx

Ex db/eb

Ex db/eb IIC

Ex tb IIIC

Certificate: IECEx INE 12.0025X

INMETRO

Ex db/eb IIC

Ex tb IIIC

Certificate: NCC 19.0065 X

KCs

Ex db IIC

Ex e II

Ex tD A21

Certificate: 15-AV4B0-0249/0251/0252

General

Supported products

Explosion-protected devices

Environment

UV-resistant, suitable for outdoor use

Material

PUR FHF

Color: RAL 6018

Weight: 102 kg/km

CAT6A, 4x2xAWG23/1

Bending radius

During installation: 8 x diameter

After installation: 4 x diameter

Dimensions

Length: 10 m (33 ft), 25 m (82 ft), or 95 m (312 ft)

ø 8.9 ±0.3 mm (0.35 ±0.01 in)

Weight

10 m (33 ft): 1.0 kg (2.2 lb)

25 m (82 ft): 2.5 kg (5.5 lb)

95 m (312 ft): 9.5 kg (20.9 lb)

Operating conditions

-60 °C to 80 °C (-76 °F to 176 °F)

During installation: -30 °C to 80 °C (-22 °F to 176 °F)

Humidity 10–100% RH (condensing)

Storage conditions

-30 °C to 80 °C (-22 °F to 176 °F)

Humidity: 5–95% RH (non-condensing)

Box content

Installation guide, non-armored cable, Ex d Cable Gland M25 (non-armored cable), connector kit, CAT6A RJ45 industrial plug pro, threadlock

Warranty

Axis 5-year warranty, see axis.com/warranty

Sustainability

Substance control

PVC free, BFR/CFR free in accordance with JEDEC/ECA

Standard JS709

RoHS 2011/65/EU

REACH compliant

Environmental responsibility

axis.com/environmental-responsibility

Axis Communications is a signatory of the UN Global Compact, read more at unglobalcompact.org