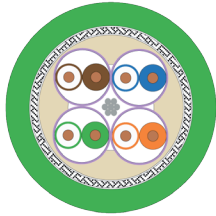
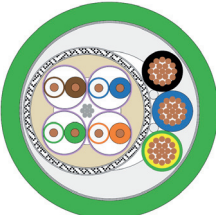

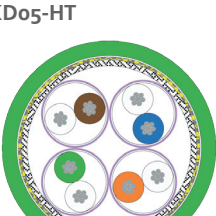


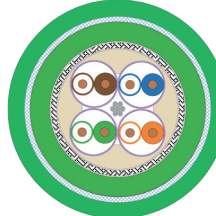
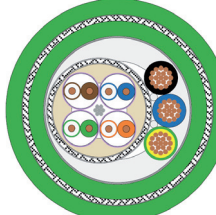
# ExCam Series - Cable Comparison Matrix



## Unarmoured Cables

Product / Model	Description
<b>SKDo2-T</b> 	<p>System Cable Digital No.02 - T Special cable for hazardous areas in accordance with IEC/EN 60079-14 Outer diameter: <math>\varnothing</math> 8.9 <math>\pm</math> 0.3 mm Material: PUR - flame retardant (IEC 60322-1-2 1KW flame) Construction: 4 x 2 x AWG23/1 shielded</p> <p>High speed CAT6 industrial Ethernet cable for fixed installations</p>
<b>SKDPo3-T</b> 	<p>System Cable Digital No.03 - T Special cable for hazardous areas in accordance with IEC/EN 60079-14 Outer diameter: <math>\varnothing</math> 12.4 <math>\pm</math> 0.3 mm Material: PUR - flame retardant (IEC 60322-1-2 1KW flame) Construction: 4 x 2 x AWG23/1 shielded GN J/W 3G1.5</p> <p>High speed CAT6 industrial Ethernet cable for fixed installations with additional power elements</p>
<b>SKDo4-T.flex</b> 	<p>System Cable Digital No.04 - T.flexible Special cable for hazardous areas in accordance with IEC/EN 60079-14 Outer diameter: <math>\varnothing</math> 8.7 <math>\pm</math> 0.3 mm Material: PUR - flame retardant (IEC 60322-1-2 1KW flame) Construction: 4 x 2 x AWG24/7 shielded</p> <p>High speed CAT6 industrial Ethernet cable for fixed installations; highly flexible and suitable for drag chain applications</p>
<b>SKDo5-HT</b> 	<p>System Cable Digital No.05 - HT Special cable for hazardous areas in accordance with IEC/EN 60079-14 Outer diameter: <math>\varnothing</math> 6.6 <math>\pm</math> 0.2 mm Material: FEP - flame retardant (IEC 60322-1-2 1KW flame) Construction: 4 x 2 x AWG26/7 shielded</p> <p>High speed CAT6 industrial Ethernet cable for extreme high temperatures</p>
<b>SKDo1-T</b>	<p>System Cable Digital No.01 - T System cable for safe areas upon request</p>

## Armoured Cables

Product / Model	Description
<b>ASKDo2-T</b> 	<p>Armoured System Cable Digital No.02 - T Special cable for hazardous areas in accordance with IEC/EN 60079-14 Outer diameter: <math>\varnothing</math> 12.0 <math>\pm</math> 0.4 mm Material: PUR - flame retardant (IEC 60322-1-2 1KW flame) Construction: 4 x 2 x AWG23/1 shielded</p> <p>Armoured high speed CAT6 industrial Ethernet cable for fixed installations</p>
<b>ASKDPo3-T</b> 	<p>Armoured System Cable Digital No.03 - T Special cable for hazardous areas in accordance with IEC/EN 60079-14 Outer diameter: <math>\varnothing</math> 15.5 <math>\pm</math> 0.6 mm Material: PUR - flame retardant (IEC 60322-1-2 1KW flame) Construction: 4 x 2 x AWG23/1 shielded GN J/W 3G1.5</p> <p>Armoured high speed CAT6 industrial Ethernet cable for fixed installations with additional power elements</p>

### Hazardous Areas Characteristics:

- The cable meets the requirements for cables in hazardous areas in accordance to IEC/EN 60079-14 Chapter 9.3.
- The cable meets the requirements for cables in hazardous areas to avoid inter-zone gas-transfer in accordance to IEC/EN 60079-14 Appendix E.

### Electrical/Network Characteristics:

- The cable is tested according to the following standards: IEEE 802.3 : Ethernet 10Base-T; Fast Ethernet 100Base-T ; Gigabit Ethernet 1000Base-T @ 95-meter
- The cable is tested according to the following standards: IEEE 802.3at.; PoE+, max. 30W per channel, max 95m.
- The cable is constructed with an additional power element: Square: 3 x 1,5 mm<sup>2</sup>, Color code: BK-BU-GN/YE.

### Environmental Characteristics:

- The cable is tested at -60°C at fixed installation. Refer to the datasheet for temperatures regarding installation and flexible use.
- The cable is tested at +80°C at fixed installation. Refer to the datasheet for temperatures regarding installation and flexible use.
- 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.
- The cable is suitable for drag chain use: 1 million bending cycles, bending radius 20 x D, at a speed of 4 m/s, acceleration 4 m/s<sup>2</sup>, max. travel distance 10 m at 20°C.

# ExCam Series - Cable Comparison Matrix



		Product	Material	Construction	Outer diameter	Ar-mou-ring	Ha-loge free										PoE+		Further Information	
								meets the requirements acc. to IEC/EN 60079-14 Chapter 9.3.	avoids inter-zone gas-transfer acc. to IEC/EN 60079-14 Appendix E.	Suitable for drag chain applications	T <sub>min</sub> T <sub>max</sub>	Sunlight resistant	Flame retardant	Oil resistant	Mud resistant	Additional Power element	tested acc. IEEE 802.3at. PoE+, max. 30W per channel, max. 95m	tested acc. *see legend		
System cable digital		SKD01-T	PUR	4x2xAWG22/1 shielded	9.1 ± 0.2 mm	✗	✓	✗	✗	✗	-60°C +80°C	✓	✓	✓	✗	✗	✓	✓		
		SKD02-T	PUR	4x2xAWG23/1 shielded	8.9 ± 0.3 mm	✗	✓	✓	✓	✗	-60°C +80°C	✓	✓	✓	✓	✗	✓	✓		
		SKDP03-T	PUR	4x2xAWG23/1 shielded GN J/W 3G1.5	12.4 ± 0.3 mm	✗	✓	✓	✓	✗	-60°C +80°C	✓	✓	✓	✓	✓	✓	✓		
		SKD04-T.flex	PUR	4x2xAWG24/7 shielded	8.7 ± 0.3 mm	✗	✓	✓	✗	✓	-60°C +80°C	✓	✓	✓	✓	✗	✓	✓		
		SKD05-HT	FEP	4x2xAWG26/7	6.6 ± 0.2 mm	✗	✗	✓	✓	✗	-50°C +150°C	✓	✓	✓	✓	✗	✗	✗	**	
		ASKD02-T	PUR	4x2xAWG23/1 shielded	12.0 ± 0.4 mm	✓	✓	✓	✓	✗	-60°C +80°C	✓	✓	✓	✓	✗	✓	✓		
		ASKDP03-T	PUR.	4x2xAWG23/1 shielded GN J/W 3G1.5	15.5 ± 0.6 mm	✓	✓	✓	✓	✗	-60°C +80°C	✓	✓	✓	✓	✓	✓	✓		

\* The cable is tested according to the following standards: IEEE 802.3 : Ethernet 10Base-T; Fast Ethernet 100Base-T ; Gigabit Ethernet 1000Base-T @ 95-meter

\*\* The cable is only tested for 60 meters