

TECNOVIDEO

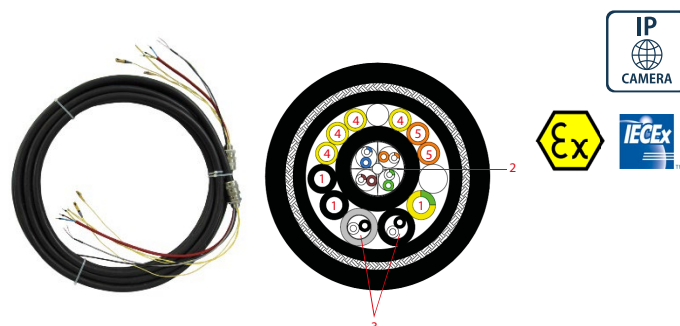
CCTV SYSTEMS AND ACCESSORIES

EXACCTF SERIES

ARMORED COMPOSITE CABLE TAIL

HAZARDOUS AREA

- ARMORED COMPOSITE CABLE TAIL
- CAT6A, SINGLEMODE OR MULTIMODE FIBER, POWER, TWISTED PAIRS
- FOR IP CAMERAS
- PREASSEMBLED FLAMEPROOF BRASS GLANDS ON BOTH ENDS
- FOR USE IN HIGHLY CORROSIVE ENVIRONMENTS
- OIL, FUEL, HYDROCARBONS RESISTANT
- FLAME RETARDANT AND RESISTANT
- UV AND OZONE RESISTANT
- -40°C +90°C (-40°F +194°F)



TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Description	2 units screened and sheathed + 3 power conductors + 1 LAN cable Cat.6A + 2 optical cable tight MM + 4optical cable tight SM with cable glands on both ends
Operating Temperature	-40° +90°C (-40° +194° F)
Inner sheath	LSZH
Armour	Galvanised Steel wire braid
Outer sheath	MUD Resistant – UV Resistant
Length	see “Composite cable tails” section
Diameter (ext.)	21 mm
Diameter (int.)	15,9 mm
Minimum bending radius	10 x 21,1mm
Marking	COMPOSITE ARMoured CABLE LSZH OIL RESISTANT FIRE RETARDANT UV RESISTANT -40°C/+90°C /Lot nnnn - CE - MADE IN ITALY – metric marking
Construction (gland)	Nickel plated brass*
Connections	M25x1,5 (both ends)

* stainless steel version available upon request

CERTIFICATIONS

Ingress Protection (EN 60529)	IP66/IP68 (glands)
Rating (gland)	⊕ II 2GD – Ex db IIC Gb - Ex eb II Gb - Ex tb IIIC Db (surface) ⊕ I 2G Ex db I Mb – Ex eb I Mb (mines)
ATEX Standards(gland)	EN 60079-0; EN 60079-1; EN 60079-7; EN 60079-31
IECEx Standards (gland)	IEC 60079-0; IEC 60079-1; IEC 60079- 7; IEC 60079-15; IEC 60079-31
Standards (cable)	IEC 60332-1-2 (Flame retardant) IEC 60332-3-24 (Flame resistant) IEC 60811-403 (Ozone resistant) IEC 60811-404 (Oil and fuel, hydrocarbons resistant) IEC 60811-402 (Water resistant) IEC 60754-1 (Halogen free) IEC 60754-2 (No corrosive) ASTM G 154 – ASTM D 4587 – EN ISO 11507 (Weathering resistant) ISO 4892 (U.V. radiation resistant) 2011/65/EU (RoHS 2) + 2015/863/EU (RoHS 3) 2014/35/EC (LVD)

INTERNAL CABLES

1 - Power conductors	3 x 1.5mm ² conductors black numbered, yellow/green
2 - Ethernet	4 x 2 x AWG24, Cat. 6A, F/UTP black
3 - Shielded data pair (2x)	2 x 0.22 mm ² , FTP grey, black
4 - SM fiber optic	4 x single mode fiber 9 -125 yellow numbered
5 - MM fiber optic	2 x multi mode fiber 50 -125 OM3 orange numbered

COMPOSITE CABLE TAILS

EXACCTF3-A	3 meters armoured composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands. For fixed camera.
EXACCTF3-B	3 meters armoured composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands. For PTZ camera.
EXACCTF3-C	3 meters armoured composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands Fiber termination: SC. For fixed camera.
EXACCTF3-D	3 meters armoured composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands Fiber termination: SC. For PTZ camera.
EXACCTF5-A	5 meters armoured composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands. For fixed camera.
EXACCTF5-B	5 meters armoured composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands. For PTZ camera.
EXACCTF5-C	5 meters armoured composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands Fiber termination: SC. For fixed camera.
EXACCTF5-D	5 meters armoured composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands Fiber termination: SC. For PTZ camera.
EXACCTF10-A	10 meters armoured composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands. For fixed camera.
EXACCTF10-B	10 meters armoured composite cable tail (power, Ethernet, data) with 2x M25 barrier nickel plated brass glands. For PTZ camera.
EXACCTF10-C	10 meters armoured composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands Fiber termination: SC. For fixed camera.
EXACCTF10-D	10 meters armoured composite cable tail (power, data, fiber optic) with 2x M25 barrier nickel plated brass glands Fiber termination: SC. For PTZ camera.

MM Fiber termination only upon request.

For EXPT versions only, suffixes -B and -D are replaced by suffixes -G and H

ELECTRICAL CHARACTERISTICS

POWER CONDUCTORS

Resistance of the conductor (20°C)	≤13,7 Ω/km
Insulation Resistance (20°C)	≥ 8400 MΩ x Km

LAN CABLE CAT 6A

Resistance of the conductor (20°C)	≤ 67,9 Ω/km
Insulation Resistance (20°C)	≥4900 MΩ x Km

SHIELDED DATA PAIR

Resistance of the conductor (20°C)	≤ 94,2 Ω/km
Insulation Resistance (20°C)	≥4600 MΩ x Km

Dimensions in millimetres – Tolerances according QMS – Design and products specifications subject to change without notice – rev. 20230502

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