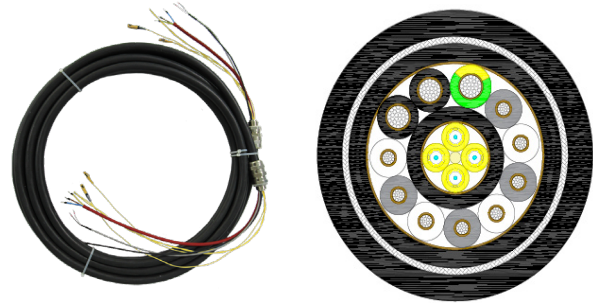


EXACCTF-FR SERIES

ARMORED FIRE RESISTANT COMPOSITE CABLE TAIL

HAZARDOUS AREA

- ARMORED COMPOSITE CABLE TAIL
- FIRE RESISTANT
- SINGLEMODE FIBERS, POWER, WASHER CONTROL
- FOR IP CAMERAS
- PREASSEMBLED FLAMEPROOF BRASS GLANDS ON BOTH ENDS
- FOR USE IN HIGHLY CORROSIVE ENVIRONMENTS
- OIL, FUEL, HYDROCARBONS RESISTANT
- FLAME RETARDANT
- UV RESISTANT
- -40°C +90°C (-40°F +194°F)



TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Description	3 power conductors + 4 optical cable tight SM + 8 washer conductors (control and low level sensor)
Operating Temperature	-40° + 90°C
Inner sheath	LSZH
Armour	Galvanised Steel wire braid
Outer sheath	Oil Resistant - UV Resistant
Diameter (ext.)	20.6mm
Minimum bending radius	10 x Ø Static 20 x Ø Dynamic
Nominal weight	535 kg/km
Marking	COMPOSITE ARMURED CABLE LSZH FIRE RESISTANT UV RESISTANT - 40°C/+90°C TK/Lot.xxxx - CE - MADE IN ITALY - metric marking
Connections	M25x1,5 (both ends)

ELECTRICAL

POWER CONDUCTORS

Resistance of the conductor (20°C)	≤ 13.3 Ω/km (1.5mm ²)
Insulation Resistance (20°C)	≥ 5 GΩ x km
AUX (WASHER IN/OUT)	
Resistance of the conductor (20°C)	≤ 39,0 Ω/km (0.5mm ²)

CERTIFICATIONS

Ingress Protection	IP66/IP68 (glands)
Rating	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 60331-21; IEC 60331-23 (Fire resistant) IEC 60332-1-2 (Flame retardant) IEC 60811-40; IRM 902; (Oil and fuel, hydrocarbons resistant) IEC 60754-1; IEC 60754-2 (Halogen emission ≤ 0,5%; Smoke emission transmittance ≥ 60%; Acidity of gases during combustion pH ≥ 4,3 and conductivity ≤ 10µS) ASTM-D-2565-16 (UV radiation) 2011/65/EU (RoHS 2) + 2015/863/EU (RoHS 3)

INTERNAL CABLES

Power conductors	3 x 1.5mm ² conductors black numbered, yellow/green
SM fiber optic	4 x single mode fiber 9 -125 yellow numbered
Aux (washer IN/OUT)	8 x 0.5mm ² conductors white and gray numbered

MODELS

EXACCTF3-FR-C	3 meters armored FIRE RESISTANT composite cable tail (power, I/O, fiber optic) with 2x M25 barrier nickel plated brass glands Fiber termination: SC. For fixed camera
EXACCTF3-FR-D	3 meters armored FIRE RESISTANT composite cable tail (power, I/O, fiber optic) with 2x M25 barrier nickel plated brass glands Fiber termination: SC. For PTZ camera
EXACCTF5-FR-C	5 meters armored FIRE RESISTANT composite cable tail (power, I/O, fiber optic) with 2x M25 barrier nickel plated brass glands Fiber termination: SC. For fixed camera
EXACCTF5-FR-D	5 meters armored FIRE RESISTANT composite cable tail (power, I/O, fiber optic) with 2x M25 barrier nickel plated brass glands Fiber termination: SC. For PTZ camera
EXACCTF10-FR-C	10 meters armored FIRE RESISTANT composite cable tail (power, I/O, fiber optic) with 2x M25 barrier nickel plated brass glands Fiber termination: SC. For fixed camera
EXACCTF10-FR-D	10 meters armored FIRE RESISTANT composite cable tail (power, I/O, fiber optic) with 2x M25 barrier nickel plated brass glands Fiber termination: SC. For PTZ camera.

Dimensions in millimetres - Tolerances according QMS - Design and products specifications subject to change without notice - rev. 20240716