TECNOVIDEO

CCTV SYSTEMS AND ACCESSORIES

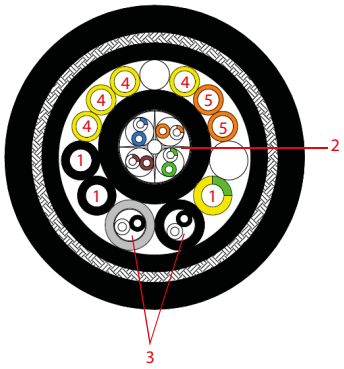
ACC303519

ARMOURED COMPOSITE CABLE

HAZARDOUS AREA

IP CAMERA

- ARMORED COMPOSITE CABLE
- CAT6A, SINGLEMODE AND MULTIMODE FIBER, POWER, TWISTED PAIRS
- FOR IP CAMERAS
- 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 50/125 OM3 + 4 optical cable tight SM
Operating Temperature	-40° +90°C (-40° +194° F)
Inner sheath	LSZH
Armour	Galvanised Steel wire braid
Outer sheath	MUD Resistant – UV Resistant
Diameter (ext.)	21,1 mm
Diameter (int.)	15,9 mm
Minimum bending radius	10 x 21,1mm
Nominal weight	481kg/km
Marking	COMPOSITE ARMOURED CABLE LSZH OIL RESISTANT FIRE RETARDANT UV RESISTANT CAT6A - 40°C/+90°C /Lot nnnn - CE - MADE IN ITALY – metric marking

CERTIFICATIONS

Standards	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)

CONDUCTORS

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

MODELS

ACC303519	Armored Composite Cable. Black color. Sold by the meter.

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. 20211221

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