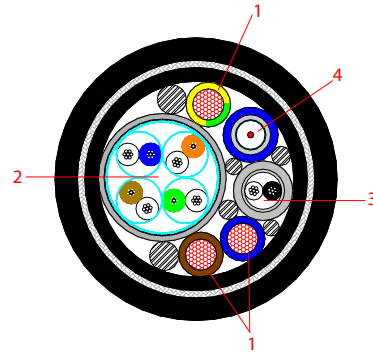


- ARMORED COMPOSITE CABLE
- COAX, CAT.7, POWER, TWISTED PAIR
- FOR IP AND ANALOG CAMERAS
- FOR USE IN HIGHLY CORROSIVE ENVIRONMENTS
- OIL, FUEL, HYDROCARBONS RESISTANT
- FLAME RETARDANT AND RESISTANT
- UV AND OZONE RESISTANT
- -40°C +90°C (-40°F +194°F)



TECHNICAL SPECIFICATIONS

GENERAL & MECHANICAL

Description	1xCoax RG175 + 1xSSTP + 3xpower conductors + 1xLAN cable Cat.7 + 1 unit screened and sheathed
Operating Temperature	-40°C +90°C (-40° +194°F)
Inner sheath	LSZH
Armour	Galvanised Steel wire braid
Outer sheath	MUD Resistant – UV Resistant
Diameter (ext.)	19.5mm
Diameter (int.)	15.5mm
Minimum bending radius	20 x 19,5mm
Nominal weight	480kg/km
Marking	COMPOSITE ARMOURED CABLE LSZH MUD RESISTANT FIRE RETARDANT UV RESISTANT T-40+90° TK/Lot nnnn- CE MADE IN ITALY - metric marking

CERTIFICATIONS

Standards	IEC 60332-1 (Flame retardant) IEC 60332-3-24 (Flame resistant) DIN VDE 0472 part 805 B (Ozone resistant) IEC 60811 (Oil and fuel, hydrocarbons resistant) IEC 60502 (Water resistant) ASTM G 154 – ASTM D 4587 – EN ISO 11507 (Weathering resistant) ASTM-D-2565-92A (U.V. radiation resistant) 2011/65/EU + 2015/863/EU (RoHS 3)
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CONDUCTORS

1 - Power conductors	3 x 2.5mm ² conductors brown, blue, yellow/green
2 - Ethernet	4 x 2 x 0.27mm ² , Cat. 7 SFTP grey
3 - Shielded data pair	2 x 0.22 mm ² SSTP, twisted pair grey
4 - Analog Video	Coax RG175, 75Ω blue

MODELS

ACC302491	Armored composite cable. Black color. Sold by the meter.
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ELECTRICAL CHARACTERISTICS

COAXIAL CABLE

Resistance of the conductor (20°C)	≤ 145 Ω /Km
Nominal Characteristic Impedance	75±5 Ω
Nominal Attenuation	3,8dB/100m (5MHz) 4,9 dB/100m (10MHz) 11,3 dB/100m (50MHz) 15,7 dB/100m (100MHz) 21,5 dB/100m (200MHz) 34,0 dB/100m (470MHz)

SHIELDED DATA PAIR

Resistance of the conductor (20°C)	≤ 90 Ω/km
Insulation Resistance (20°C)	≥ 1.000 MΩ x Km

POWER CONDUCTORS

Resistance of the conductor (20°C)	≤ 7,98 Ω/km
Insulation Resistance (20°C)	≥ 5.000 MΩ x Km