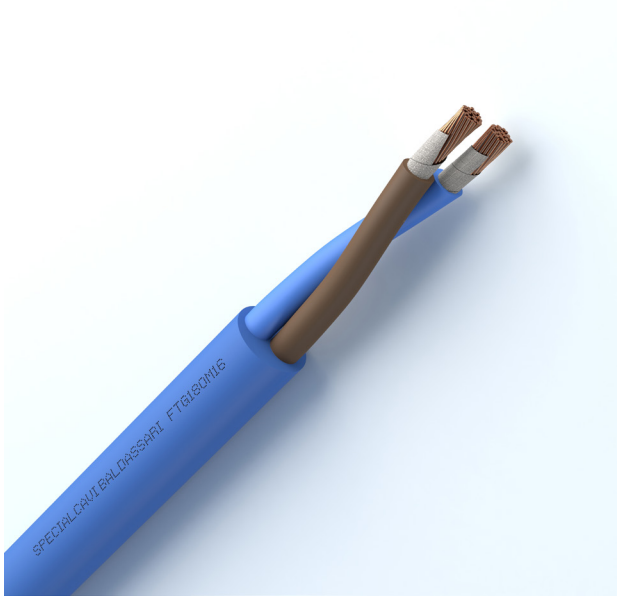
SPECIALCAVI **BALDASSARI**

FIRE RESISTANT

FTG18OM16*PH/F120*

LSZH

Marking: <meters> CE 2479 SPECIALCAVI BALDASSARI FTG18OM16 <formation> 0,6/1kV CEI 20-45 PH/F120 <lot> <year> IEMMEQU EFP B2CA-S1A,D1,A1



MANUFACTURING CHARACTERISTICS

Conductor:
Flexible bare copper, class 5
Fire resistant:
Mica tape
Insulation:
LSZH cross-linked elastometric compound, G18 type
Stranding:
Cores teisted/straned in concentric layers
Outer sheath:
LSZH thermoplastic compound, M16 type
Colours:
Cores identification: CEI UNEL 00722 (HD 308 S2)
Outer sheath colour: Blue (based on RAL 5015)

ELECTRICAL CHARACTERISTICS

Operating voltage: 0.6/1kV
Outer sheath operating voltage: 0.6/1kV
Testing voltage: 4000V
Min. insulation resistance at 20°C > 200 MΩxKm

STANDARDS

CEI 20-29 IEC 60228
CEI 20-11 EN 50363
CEI EN 60332-3-24 Cat.C IEC 60332-3-24 Cat.C
CEI 20-45
UNI 9795
-$Ø_{ext.}$ ≤ 20mm:
CEI EN 50200 EN 50200 (Test 120 min. PH120)
-$Ø_{ext.}$ >20mm:
CEI EN IEC 60331-1 (Test 120 min. F120)

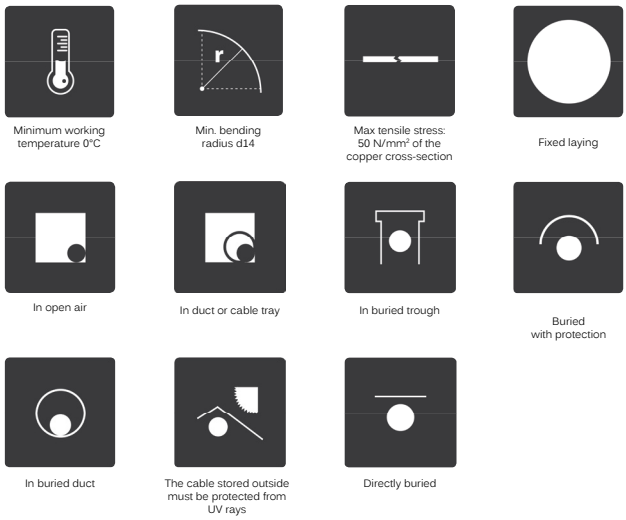
REACTION TO FIRE CLASS

EN 50575:2016 $B2_{ca}$ - s1a, d1, a1

TEMPERATURES

Minimum working temperature: -0°C
Maximum working temperature: +90°C
Maximum short circuit temperature: +250°C

LAYING CONDITIONS



APPLICATIONS

Cable conforms to the requirements in the Construction Products Regulations (CPR EU 305/11), aimed at limiting the production and diffusion of fire and smoke.
LSZH Multi-core cable for power, insulated with elastometric compound non-flame-propagating and halogen free, with flexible cores protected by fireproof barrier.
Suitable for emergency systems in locations with danger of explosion and fire (exits and security lightings, alarm signals, smokes and gases detectors, esclators, fire pumps, fire curtains, etc.).
If stored outdoors, the cable must be protected from UV rays.
Direct or indirect underground laying is permitted.

FTG18OM16 *PH/F120*

PART NUMBER [n°]	FORMATION [n° x mm²]	OUTER DIAMETER[1] [mm]	WEIGHT[1] [kg/km]	MAX. ELECTRICAL RESISTANCE AT 20°C [Ohm/km]
RFZ15002	2 X 1.50	12.7	221	13.30
RFZ15003	3 G 1.50	13.1	243	13.30
RFZ15003U	3 X 1.50	13.1	243	13.30
RFZ15004	4 G 1.50	14.5	301	13.30
RFZ15004U	4 X 1.50	14.5	301	13.30
RFZ15005	5 G 1.50	15.8	360	13.30
RFZ15005U	5 X 1.50	15.8	360	13.30
RFZ25002	2 X 2.50	13.6	263	7.98
RFZ25003	3 G 2.50	14.1	296	7.98
RFZ25003U	3 X 2.50	14.1	296	7.98
RFZ25004	4 G 2.50	15.6	368	7.98
RFZ25004U	4 X 2.50	15.6	368	7.98
RFZ25005	5 G 2.50	17.0	441	7.98
RFZ25005U	5 X 2.50	17.0	441	7.98
RFZ40002	2 X 4.00	14.8	327	4.95
RFZ40003	3 G 4.00	15.4	376	4.95
RFZ40003U	3 X 4.00	15.4	376	4.95
RFZ40004	4 G 4.00	17.1	471	4.95
RFZ40004U	4 X 4.00	17.1	471	4.95
RFZ40005	5 G 4.00	18.7	569	4.95
RFZ40005U	5 X 4.00	18.7	569	4.95
RFZ60002	2 X 6.00	16.0	400	3.30
RFZ60003	3 G 6.00	16.6	465	3.30
RFZ60003U	3 X 6.00	16.6	465	3.30
RFZ60004	4 G 6.00	18.5	588	3.30
RFZ60004U	4 X 6.00	18.5	588	3.30
RFZ60005	5 G 6.00	20.3	715	3.30
RFZ60005U	5 X 6.00	20.3	715	3.30