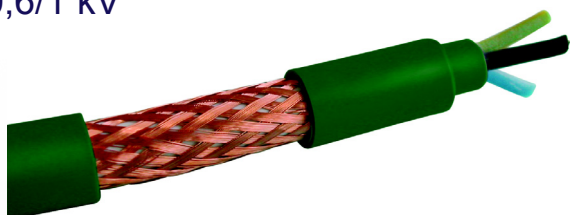


FG7OH2M1

SIGNALLING AND ENERGY CABLE, G7 RUBBER QUALITY INSULATION, BARE COPPER WIRES BRAID SHIELDED, LSZH SHEATH.



0,6/1 kV



DESCRIPTION

Don't spread flame shielded cable, alogen free and emit a reduced quantity of corrosive gas .Suitable for internal (dry or wet) and for external. Adapt for fixed lay on masonry and metallic structures; it's admitted underground lay. Shield guarantees an optimal protection from electromagnetic disturbs; Adapt where , in case of fire, present persons are exposed to smoke and corrosive gas. Suitable for escapes of emergency connection and for signalers of smoke and gas.

TECHNICAL DATA:

Conductors: Stranded bare copper wires
Insulation: HEPR, G7 quality
Filling: Not fibrous and not hygroscopic material
Screen: bare copper wires braid
Sheath: termoplastic compound LSZH ,M1 quality
 Green color

STANDARD:

CEI 20-38
 CEI 20-13
 CEI 20-11
 CEI 20-22 III
 CEI 20-37

Test Voltage:: 4000 V
Max Voltage: 1200 V
Working temperature: -15°C ; +90 °C
Short circuit temperature: 250°C
Bending radius: 8 x external diameter
Tensile strenght: 50 N/mm² (during the installation)
 15 N/mm² (static sollecitation)

MARKING:

UNICAVI ECOFLEX CEI 20-22 III CAT.C FG7OH2M1 0,6/1kV [form. x section]

CORE COLORS:

	without Y/G	with Y/G
1 conductor:	black;	black.
2 conductors:	blue, brown;	blue, brown.
3 conductors:	brown, black, gray;	Y/G, blue, brown.
4 conductors:	blue, brown, black, gray;	Y/G, brown, black, gray.
5 conductors:	blue, brown, black, black, gray;	Y/G, blue, brown, black, gray.
Multiple conductors:	black numbered;	Y/G + black numbered

Section	Max Resistance at 20°C	Section	Max Resistance at 20°C	Section	Max Resistance at 20°C
mm ²	ohm/km	mm ²	ohm/km	mm ²	ohm/km
1,50	13,3	16,50	1,21	95,00	0,206
2,50	7,98	25,50	0,78	120,00	0,161
4,00	4,95	35,00	0,554	150,00	0,129
6,00	3,3	50,00	0,386	185,00	0,106
10,00	1,91	70,00	0,272	240,00	0,0801

FG7OH2M1

CODE	Cond. x Sect.		External Diameter	Weight	CODE	Cond. x Sect.		External Diameter	Weight
	n° x mm ²		mm	Kg/km		n° x mm ²		mm	Kg/km
363022005	2 x	1.50	11,1	164	363014505	1 x	16.00	11.9	306
362032005	3 x	1.50	11,5	182	363024505	2 x	16.00	18,5	589
362042005	4 x	1.50	12,3	210	362034505	3 x	16.00	20,1	757
362052005	5 x	1.50	13,1	245	362044505	4 x	16.00	22,6	964
363072005	7 x	1.50	14,6	309	362054505	5 x	16.00	24.5	1149
363102005	10 x	1.50	17,5	397	363015005	1 x	25.00	13.2	423
363122005	12 x	1.50	17,9	436	363025005	2 x	25.00	22,0	842
363162005	16 x	1.50	19,5	537	362035005	3 x	25.00	23,8	1087
363192005	19 x	1.50	21,2	621	362045005	4 x	25.00	25,9	1374
363242005	24 x	1.50	24,1	764	362055005	5 x	25.00	28,1	1633
363022505	2 x	2.50	12,0	200	363015505	1 x	35.00	15,1	566
362032505	3 x	2.50	12,5	227	363025505	2 x	35.00	24,6	1120
362042505	4 x	2.50	13,4	270	362035505	3 x	35.00	26,6	1473
362052505	5 x	2.50	14,9	328	362045505	3,5 x	35.00	27,3	1622
363072505	7 x	2.50	15,9	392	363016005	1 x	50.00	15.7	754
363102505	10 x	2.50	18,6	527	363026005	2 x	50.00	28,5	1542
363122505	12 x	2.50	19,8	585	362036005	3 x	50.00	30.8	1990
363162505	16 x	2.50	22,4	754	362046005	3,5 x	50.00	32,1	2250
363192505	19 x	2.50	23,4	820	363016505	1 x	70.00	18.8	1000
363242505	24 x	2.50	26,8	1058	363026505	2 x	70.00	32,5	2074
363023005	2 x	4.00	13,3	258	362036505	3 x	70.00	35,1	2693
362033005	3 x	4.00	14,5	318	362046505	3,5 x	70.00	36,8	3030
362043005	4 x	4.00	15,5	370	363017005	1 x	95.00	20,3	1255
362053005	5 x	4.00	16,7	425	363027005	2 x	95.00	35,5	2606
363023505	2 x	6.00	15.5	310	362037005	3 x	95.00	38,4	3426
362033505	3 x	6.00	16.1	389	362047005	3,5 x	95.00	40,5	3900
362043505	4 x	6.00	17.3	459	363017505	1 x	120.00	23,2	1597
362053505	5 x	6.00	18.9	532	363018005	1 x	150.00	24,9	1993
363014005	1 x	10.00	10.5	223	363018505	1 x	185.00	27,2	2423
363024005	2 x	10.00	16.5	430	363019005	1 x	240.00	29,8	3070
362034005	3 x	10.00	17,9	547					
362044005	4 x	10.00	19,4	671					
362054005	5 x	10.00	21,8	827					

NOTE: External diameter can change in a range of +/- 3%.