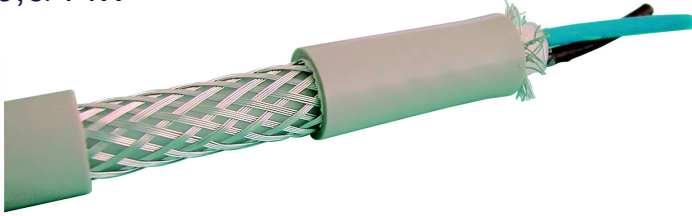


FG7ORAR

ENERGY AND SIGNALLING CABLE, RUBBER G7 QUALITY INSULATED, GALVANIZED STEEL WIRES BRAID ARMOR, PVC SHEATH.



0,6/1 kV



DESCRIPTION

Don't spread flame cable, alogen free and emit a reduced quantity of corrosive gas. Suitable for internal (dry or wet) and for external. Adapt to fixed lay in air, in tube or groove, on masonry and metallic structure or suspended. Main characteristic of this type of cables is the protection from hits and rodents. They are suggested also for industrial places.

TECHNICAL DATA:

Conductors: Stranded bare copper wires
Insulation: HEPR , G7 quality
Filling: Not fibrous and not hygroscopic material
Aarmor: Galvanized steel wires braid
Sheath: PVC RZ quality
 Gray RAL 7035

STANDARD:

CEI 20-13
 CEI 20-11
 CEI 20-22 II
 CEI 20-37 pt.2
 CEI 20-52

Working Voltage: 4000 V
Max Voltage: 1200 V
Working temperature: -15°C ; +90 °C
Short circuit temperature: 250°C
Bending radius: 14 x external diameter
Tensile strenght: 50 N/mm² (during the installation)
 15 N/mm² (static sollecitation)

MARKING:

UNICAVI ECOFLEX CEI 20-22 II FG7ORAR 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

FG7ORAR

CODE	Cond. x Sect.		External Diameter mm	Weight Kg/km	CODE	Cond. x Sect.		External Diameter mm	Weight Kg/km
	n°	mm ²				n°	mm ²		
309022005	2 x	1.50	13.3	255	309014505	1 x	16.00	11.8	261
306032005	3 x	1.50	13.7	279	309024505	2 x	16.00	21.2	780
306042005	4 x	1.50	14.5	315	306034505	3 x	16.00	23.0	987
306052005	5 x	1.50	15.6	374	306044505	4 x	16.00	25.4	1216
309072005	7 x	1.50	16.4	427	306054505	5 x	16.00	27.6	1477
309102005	10 x	1.50	18.5	469	309015005	1 x	25.00	13.5	363
309122005	12 x	1.50	19.9	611	309025005	2 x	25.00	26.0	1166
309162005	16 x	1.50	21.7	738	306035005	3 x	25.00	27.3	1408
309192005	19 x	1.50	23.4	863	306045005	4 x	25.00	29.5	1729
309242005	24 x	1.50	26.2	1033	306055005	5 x	25.00	32.3	2095
309022505	2 x	2.50	14.2	299	309015505	1 x	35.00	15.1	478
306032505	3 x	2.50	14.7	334	309025505	2 x	35.00	28.4	1449
306042505	4 x	2.50	15.5	380	306035505	3 x	35.00	30.0	1809
306052505	5 x	2.50	16.9	455	306045505	3,5 x	35.00	31.8	2107
309072505	7 x	2.50	17.8	533	309016005	1 x	50.00	16.1	608
309102505	10 x	2.50	20.2	681	309026005	2 x	50.00	31.3	1898
309122505	12 x	2.50	21.9	780	306036005	3 x	50.00	33.0	2347
309162505	16 x	2.50	24.6	1003	306046005	3,5 x	50.00	35.4	2694
309192505	19 x	2.50	25.6	1116	309016505	1 x	70.00	18.4	831
309242505	24 x	2.50	29.0	1348	309026505	2 x	70.00	37.5	2732
309023005	2 x	4.00	15.2	356	306036505	3 x	70.00	39.6	3366
306033005	3 x	4.00	15.7	404	306046505	3,5 x	70.00	40.1	3714
306043005	4 x	4.00	16.8	469	309017005	1 x	95.00	20.2	1071
306053005	5 x	4.00	18.2	565	309027005	2 x	95.00	40.1	3315
309023505	2 x	6.00	16.2	421	306037005	3 x	95.00	45.3	4514
306033505	3 x	6.00	16.8	487	306047005	3,5 x	95.00	46.1	5014
306043505	4 x	6.00	18.1	572	309017505	1 x	120.00	22.4	1329
306053505	5 x	6.00	19.6	691	309018005	1 x	150.00	24.3	1629
309014005	1 x	10.00	10.8	197	309018505	1 x	185.00	25.9	1923
309024005	2 x	10.00	19.1	602	309019005	1 x	240.00	29.2	2471
306034005	3 x	10.00	20.0	711					
306044005	4 x	10.00	21.6	846					
306054005	5 x	10.00	24.4	1076					

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