

Basic flexible rubber cables 450/750V

Ozoflex H07RN-F 750 V

**Application**

Extra flexible, durable, oil and weather resistant cable for connection to light, portable appliances, motors, lamps etc. applicable for permanent installation outdoors. Installation must comply with S.B.

Alternative Product Name

H07RN-F

Flame retardance

IEC 60332-1-2 - Vertical flame propagation for a single insulated wire or cable

Approval

CE

Standard

EN 50525-2-21
EN 50575:2014

Construction Standard
Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements
Ozone resistant

Construction

Cable Shape
Conductors
Conductor Insulation
Marking of cores

Round
Extra multi-stranded copper acc. to IEC 60228 class 5
EPR rubber
1-core: black
2 Core: blue, brown
3 Core: yellow/green, blue, brown
4 Core: yellow/green, brown, black, grey
5 Core: yellow/green, blue, brown, black, grey
7 Core: Ciffer marked and one yellow/green
EPR rubber for cables with
> 2,4 mm thickness of the outer sheath
Weather and oil resistant
rubber, ClasEM2i. outer Sheath is black and metermarked

Inner sheath

Outer Sheath

Temperature

Maximum operating Temperature 60°C
Minimum operating Temperature for cable type - 40°C
[°C]
Temparatures at installation [°C] -25°C to +50°C

Features

CPR Performance class

Eca
DOP no. single core: 1003569
DOP no. multicore: 1003568
IEC 60332-1-2
EN 50396
Firm installation max. 4 x D
At flexible installation max. 5 x D
Meet the demand for REACH
Meet the demand for REACH

Fire Propagation
UV resistance
Bending radius

REACH/SVHC declaration
RoHS declaration
Homologation & Certification

Electrical

Max. short circuit temperature [°C]

200

Test Voltage [kV]

2,5

Conductors and screen area [mm ²]	Diameter over sheath [mm]	Cable weight [kg/km]	Standard delivery length [m]	EAN/GTIN number
1x1,5	5,9	49	500	5999099005100
1x25	13,1	356	500	5999099005575
1x35	15,1	482	500	5999099004738
1x50	17,8	677	500	5999099004745
1x70	21,2	913	1000	5999099006626
1x95	22,8	1171	1000	5999099004752
1x185	30,2	2166	1000	5999099005148
1x240	33,5	2791	1000	5999099007753
1x300	36,6	3424	500	5999099005230
2x1	8,2	87	100	5999099005094
2x1,5	9,1	111	100	5999099005087
2x1,5	9,1	111	500	5999099005070
2x2,5	10,7	159	100	5999099005063
2x2,5	10,7	159	500	5999099006596
3G1	8,9	105	100	5999099005209
3G1,5	9,8	134	50	5999099005049
3G1,5	9,8	134	100	5999099005216
3G1,5	9,8	134	500	5999099005179
3G2,5	11,5	192	50	5999099005025
3G2,5	11,5	192	500	5999099005032
3G4	13,2	267	500	5999099005018
4G1	9,7	130	100	5999099005001
4G1,5	10,7	166	100	5999099004998
4G1,5	10,7	166	500	5999099004981
4G1,5	10,7	166	500	5999099004769
4G2,5	12,8	240	500	5999099004974
4G4	14,5	335	500	5999099004967
4G6	16,4	448	500	5999099004950
4G10	21,9	820	500	5999099005261
4G16	24,8	1127	500	5999099005551
4G25	29,6	1688	500	5999099004912
4G35	34	2235	500	5999099004905
4G50	40,2	3149	500	5999099006329
4G70	40,2	3149	500	5999099004776
4G95	52,3	5506	500	5999099004783
5G1,5	11,8	201	50	5999099004936
5G1,5	11,8	201	100	5999099005162
5G1,5	11,8	201	500	5999099004943
5G1,5	11,8	201	500	5999099005193
5G2,5	13,8	290	100	5999099005247
5G2,5	13,8	290	500	5999099005186
5G4	16,2	412	500	5999099004929
5G6	27,6	550	500	5999099005254
5G10	24,1	990	500	5999099004899
5G16	27,5	1379	500	5999099005223
5G25	32,8	2029	500	5999099004882
5G35	37,4	2708	500	5999099004875
5G50	44,7	2899	500	5999099004790
7G1,5	15,3	329	500	5999099004868
12G1,5	18,5	488	1000	5999099004851