

■ HDHp-J(O) 450/750V B2ca

Safety and halogen-free cables



TECHNICAL INFORMATION:

Single-wire copper conductors (D) in halogen-free insulation (H) and in a halogen-free coating (H) flat (p) sheet with green-yellow protective conductor (J) or without a green-yellow protective conductor (O)

CONSTRUCTION:

Conductors	copper, single-wire, class. 1, acc. to standard PN-EN 60228
Insulation	special halogen-free polymer compound
Sheath	special halogen-free polymer compound, white colour
Insulation colours	HDHp-O 2-conductor: blue, brown 3-conductor: brown, black, grey or blue, brown, black 4-conductor: blue, brown, black, grey 5-conductor: blue, brown, black, grey, black HDHp-J 3-conductor: green-yellow, blue, brown 4-conductor: yellow-green, black, brown, grey or yellow-green, blue, brown, black 5-conductor: green-yellow, blue, brown, black, grey
Operating temperature	od -40°C do +70°C
Nominal voltage	450/750 V
Minimum bending radius	conductor outer diameter D [mm] 6xD
Permissible conductor operating temperature	+70°C
Permissible conductor temperature during short circuit	+160°C
Application	halogen-free power supply conductors for installations in facilities where human life and property must be protected against fire (hotels, hospitals, schools, airports, underground and train stations, industrial installations); conductors to be laid in dry and moist rooms, over and in plasterwork, in brick walls and directly in concrete; only permanent installation possible; in outdoor or underground installations cables must be laid in cable ducts or tubes
Packing	coils of length of 100 m and others, according to customer's wishes

All images, photographs, drawings, figures, specifications and product data sheet information are indicative only and shall not be construed as a commercial warranty or represent or substantiate any liability on the part of Fabryka Kabli ELPAR Sp. z o.o.



HDHp-J(O) 450/750V B2ca		
Number and nominal cross-section of conductor [n x mm ²]	Approximate outer dimension of the conductor [mm]	Approximate cable mass [kg/km]
2 x 1	4,9 x 7,4	61
2 x 1,5	5,2 x 7,9	73
2 x 2,5	5,8 x 9,1	100
2 x 4	6,2 x 10,0	132
2 x 6	6,7 x 11,0	175
3 x 1	4,9 x 10,0	85
3 x 1,5	5,2 x 10,7	103
3 x 2,5	5,8 x 12,5	143
3 x 4	6,2 x 13,8	200
3 x 6	6,9 x 15,5	272
4 x 1	4,9 x 12,5	109
4 x 1,5	5,2 x 13,4	133
4 x 2,5	5,8 x 15,8	186
4 x 4	6,4 x 17,8	270
4 x 6	6,9 x 19,8	359
5 x 1	4,9 x 15,0	133
5 x 1,5	5,2 x 16,2	162
5 x 2,5	5,8 x 19,2	228
5 x 4	6,4 x 21,6	334
5 x 6	6,9 x 24,1	445

All images, photographs, drawings, figures, specifications and product data sheet information are indicative only and shall not be construed as a commercial warranty or represent or substantiate any liability on the part of Fabryka Kabli ELPAR Sp. z o.o.