

H07VVH6-F

flat cable



Construction

Conductor	flexible stranded bare copper class 5 acc. to EN 60228
Insulation	special PVC compound according to EN 50363-3 TI 2
Layout	cores lay in parallel groups
Separation	talcum for elements - sheath separation
Sheath	special PVC compound according to EN 50363-4-1 TM 2 black similar to RAL9005 surface without knurling

Cores identification

cores	without green-yellow (x)	with green-yellow (G)
4	blue+brown+black+grey	green-yellow+brown+black+grey
5	blue+brown+black+grey+black	green-yellow+brown+black+grey+blue
>5	white insulation with black numbers	white insulation with black numbers + green-yellow

Cable marking example

DRAKA 07 H07VVH6-F 12G1,5 order number I meter mark Made in EU

Repeated without meter mark in half of meter

Application

Flat, flexible cable for general purposes and for special applications in travelling cranes and hoists, indoor use.

Technical specification

Maximum Free Suspension Length m	Maximum Travelling Speed m/s	Operating temp.		Minimum bending radius	Standards
		min.	max.		
35	1,6	-15,0	70,0	EN 50565-1	EN 50214

Electrical data

Element	Rated Voltage U0/U V	Test voltage Core-Core V	Resistance Ω/km
Power cores 1,5 mm ²	450/750	2500	13,3
Power cores 2,5 mm ²	450/750	2500	7,98
Power cores 4 mm ²	450/750	2500	4,95
Power cores 6 mm ²	450/750	2500	3,30
Power cores 10 mm ²	450/750	2500	1,91
Power cores 16 mm ²	450/750	2500	1,21
Power cores 25 mm ²	450/750	2500	0,78

Technical data

Part Number	Cable Construction number of cores x nominal cross-section	Cable Dimensions		Cable Net Weight (approx.) kg/km	Standard Length m	Wooden Drum
		W (approx.) mm	H (approx.) mm			
20220059	4G1,5	15,1	5,2	150,0	1000	DWP0800
20226321	5G1,5	17,9	5,2	180,0	1000	DWP0800
20220062	8G1,5	28,5	5,5	290,0	1000	DWP1000
20220064	10G1,5	35,6	5,5	365,0	1000	DWP1000
20203345	12G1,5	40,8	5,5	430,0	1000	DWP1000
20203344	4G2,5	17,7	5,8	210,0	1000	DWP0800
20197226	5G2,5	21,6	5,8	255,0	1000	DWP0800
on request	7G2,5	31,0	5,8	370,0	1000	DWP1000
20220063	8G2,5	34,1	5,8	415,0	1000	DWP1000
20220065	12G2,5	51,2	6,0	625,0	1000	DWP1200
20220060	4G4	19,7	6,8	290,0	1000	DWP0800
20220061	4G6	22,8	7,2	380,0	1000	DWP1000
20220066	4G10	28,7	9,3	615,0	1000	DWP1200
20220067	4G16	33,3	10,5	880,0	1000	DWP1200
20214040	4G25	40,4	11,7	1285,0	500	DWP1200
20234212	4G25	40,4	11,7	1285,0	1000	DWP1200

Notes

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