



INNOVCABLE REELFLEX (SMK) (N)SHTÖU-J



- Conductor material: bare copper wires
- Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Vein insulation: CECO™ Elastomeric Compound Special for mobile use.
- Vein colours: black or white veins numbered sequentially with or without green earth.
- Conductors twisted in layers.
- Aramid central element.
- Inner layer: CECO™ Special Elastomeric Compound for mobile use in black colour.
- Textile fabric between inner and outer cover.
- Outer layer: CEAC™ Special Elastomeric Compound for mobile applications resistant to hydrolysis, oxidation, heat, low temperature flexibility, abrasion, splashes of oils, greases, lubricants, UV resistance, ozone and weathering.
- External cover in black or yellow.
- Rated voltage: 0.6/1KV.
- Test voltage: 2500V
- Bending radius: according to VDE 0298 part 3.
- Conductor resistance: according to VDE 0295 class 5 and IEC 60228 class 5.



- Insulation resistance: Min.20 MΩX Km at 20°C.
Fire behaviour: according to IEC 60332-2-1

Identification

INNOVCABLE REELFLEX(SMK) (N)SHTÖU-J n (G) X mm² 0,6/1KV OF:XXXX/YE.

Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

VDE 0298 part 3

DIN EN 60332-2-1

DIN VDE 0250

DIN 0281

Applications

Halogen-free cable for winders / reels requiring high mechanical stress resistance, highly flexible for lifts or hoisting systems, festoon systems, conveyor installations, vertical spreaders, underground and surface mining, among others. Excellent life time and resistance to mechanical stress. Resistant to hydrolysis, oxidation, heat, low temperature flexibility, abrasion, splashing oils, greases, lubricants, UV resistance, ozone and weathering. Free of silicone during production. Used for speeds up to 180 m/min. Textile tape between inner and outer layer. Aramid centre element. Tensile strength max. 30 N/mm².



Min/max: -40° C / +130° C

Notes

- We can produce upon request several other cable options and configurations.
- Innovcable reserves the right to change this catalogue without prior notice.



DADOS DIMENSIONAIS

Dimensional x mm ²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km	Carga de ruptura N
5G1,5	14,6	75,0	280,0	
7G1,5	17,2	106,0	385,0	
12G1,5	23,4	182,0	710,0	
18G1,5	23,3	272,0	760,0	
24G1,5	26,8	363,0	990,0	
30G1,5	29,6	454,0	1.220,0	
36G1,5	29,5	543,0	1.260,0	
44G1,5	32,5	664,0	1.530,0	
4G2,5	14,8	101,0	305,0	
5G2,5	15,8	126,0	355,0	
7G2,5	18,6	176,0	510,0	
12G2,5	25,4	302,0	920,0	
18G2,5	25,3	454,0	1.005,0	
24G2,5	29,2	605,0	1.320,0	
30G2,5	32,4	756,0	1.660,0	
36G2,5	32,3	907,0	1.720,0	
44G2,5	37,1	1.109,0	2.230,0	
4G4	18,0	161,0	456,0	
4G6	19,4	242,0	575,0	
4G10	23,6	424,0	905,0	
4G16	26,7	645,0	1.240,0	
4G25	31,5	1.058,0	1.850,0	
5G4	19,4	201,0	430,0	
5G6	21,0	302,0	690,0	
5G10	25,4	503,0	1.080,0	
5G16	29,1	805,0	1.500,0	
19G2,5+5X1(C)	29,2	585,0	1.290,0	
25G2,5+5X1(C)	32,4	740,0	1.620,0	
3X35+3G16/3	31,5	1.220,0	2.160,0	
3X50+3G25/3	37,4	1.764,0	2.850,0	
3X70+3G35/3	42,7	2.470,0	3.920,0	
3X95+3G50/3	47,3	3.377,0	5.020,0	
3X120+3G70/3	55,0	4.340,0	6.630,0	
3X150+3G70/3	57,9	5.242,0	7.690,0	
3X185+3G95/3	62,9	6.552,0	9.310,0	
3X240+3G120/3	71,4	8.870,0	12.200,0	
49G1(20kN)	29,6	580,0	1.260,0	20.000
24G2,5(20kN)	29,2	676,0	1.290,0	20.000
30G2,5(20kN)	32,4	848,0	1.610,0	20.000
44G2,5(20kN)	37,1	1.243,0	2.160,0	20.000
56G2,5(20kN)	43,1	1.567,0	2.840,0	20.000
3X(2X1)C	24,0	215,0	755,0	
6X(2X0,5)C	25,1	360,0	885,0	
6X(2X1)C	31,9	460,0	1.330,0	
12X(2X1)C	40,9	860,0	2.170,0	

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