



INNOVCABLE MOVFLEX SINGLE STANDARD SK-C-J/O-PVC 0,6/1KV - EMC



- Conductor material: bare copper wires
 - Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
 - Vein insulation: special PVC for mobile applications in green (J) or black (O)
 - Shielding: Tinned copper with 85% coverage.
 - Outer layer: special PVC resistant to oils, greases, lubricants, coolants and acids for mobile applications.
 - Orange outer cover
 - Rated voltage: 0.6/1KV
 - Test voltage: 4000V
 - Conductor resistance: according to VDE 0295 class 6 and IEC 60228 class 5.
 - Insulation resistance: Min.20 MΩX Km at 20°C.
 - Min. fixed bending radius: 10 x d.
 - Min. bending radius mobile: 7,5 x d
 - Radiation resistance: Up to 80×106 cJ/kg (Up to 80 Mrad)
- Fire behaviour: according to VDE 0482-332-2-1 and DIN EN 60332-2-1 self-extinguishing and flame retardant.

Identification

INNOVCABLE - MOVFLEX SINGLE NORMAL SK-C-J/O-PVC-EMC n x mm² 0,6/1KV
OF:XXXX/YEAR

Applicable Specifications



DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

VDE 0482-332-2-1

DIN EN 60332-2-1

Applications

Single shielded cable for use in systems with normal conveyor belt requirements for handling systems and robotic applications in wet and dry environments and which additionally require protection against electromagnetic interference. The special extrusion technology allows longer life and durability in continuous motion. Flame retardant. Resistant to oils, greases, lubricants, coolants and acids. Excellent cost/benefit ratio.

Maximum Conductor Temperature

Fixed: min-30° C / +70° C

Mobile: min-15° C / +70° C

Notes

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



Diam. mm²	AWG	Diametro Ext.	Peso Aprox. KG/Km
1 G 10	8	10	230
1 x 10	8	10	230
1 G 16	6	11,1	300
1 x 16	6	11,1	300
1 G 25	4	12,3	420
1 x 25	4	12,3	420
1 G 35	2	15,1	615
1 x 35	2	15,1	615
1 G 50	1	17,2	825
1 x 50	1	17,2	825
1 G 70	2/0	19	1090
1 x 70	2/0	19	1090
1 G 95	3/0	22	1395
1 x 95	3/0	22	1395
1 G 120	4/0	23,6	1770
1 x 120	4/0	23,6	1770
1 G 150	250 kcmil	25,8	1930
1 x 150	250 kcmil	25,8	1930
1 G 185	350 kcmil	29,8	2635
1 x 185	350 kcmil	29,8	2635
1 G 240	450 kcmil	33,5	3380
1 x 240	450 kcmil	33,5	3380
1 G 300	550 kcmil	36,2	4120
1 x 300	550 kcmil	36,2	4120