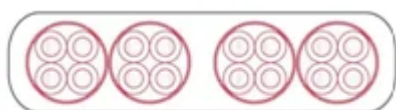




INNOVCABLE PVC FLAT YCFLY, YFLCY, KYCFLY, KYFLCY (EMV)



- Conductor material: bare copper wires
 - Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
 - Vein insulation: PVC Special for mobile applications
 - Seam colours: sequentially numbered black veins with or without green earth conductor (G).
 - Conductors mounted parallel side by side.
 - Shielding: Single or collective shielding in bare or tinned copper mesh, 70% to 85% coverage.
 - Outer jacket: special PVC for mobile applications resistant to oil, grease, lubricants, coolants, gasoline and alcohol.
 - Outer layer in black, RAL 9005.
 - Rated voltage: $0.5\text{mm}^2 = 300\text{V}$; $>1.0\text{mm}^2 = 300/500\text{V}$.
 - Voltage test: 1.200/2000 volts.
 - Minimum bending radius: Mobile use: $6 \times d$
- Fire behaviour: according to IEC 60332-1 anti-flame and flame retardant.



Identification

INNOVCABLE PVC YCFLY or YFLCT or KYCFLY or KYFLCY (EMV) n x (G) mm² 300/500V
OF:XXXX/Year.

Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

RAL 9005

DIN VDE 0250

DIN EN 60332-1

Applications

Control and power cable for crane systems, lifting and hoisting devices, overhead cranes, hoists, gantry cranes, rack conveyors, in industrial TV systems with moving cameras and machinery constantly in continuous motion. The special extrusion technology and the material used allow long life and durability in continuous movement. Reduced bending radius when compared to round cables Flame retardant. Resistant to oil, grease, lubricants, coolants, gasoline and alcohol KYCFLY, KYFLCT model has improved low temperature resistance. Armoured version has protection against electromagnetic interference.

Maximum Conductor Temperature

Fixed Min/max: -30° C / +70° C

Movable Min/max: -40° 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.

DADOS DIMENSIONAIS

Dimensão nxmm ²	Dimensão (alturax largura) mm	Peso do cobre kg/km	Peso kg/km
YCFLY			
5X0,5	4,2X19,5-5,0X22,0	60,0	140,0
YFLCY			
7X4 X 0,5	8,8X46,5-10,3X50,0	222,0	745,0
7X3G1	8,8X46,8-10,3X54,3	275,0	755,0
KYCFLY			
4X1,5	5,5X18,2-6,5X19,6	114,0	210,0
8G1,5	5,5X34,0-6,5X37,0	220,0	400,0
8X1,5	5,5X34,0-6,5X37,0	220,0	400,0
12X1,5	5,5X49,3-6,5X52,7	335,0	610,0
4G4	7,0X22,8-8,2X25,5	222,0	400,0
4G6	9,0X29,0-9,8X31,2	325,0	520,0
4G10	9,9X34,3-11,8X37,5	522,0	840,0
4G16	11,9X39,7-14,0X46,0	784,0	1.280,0
4G25	14,5X49,0-15,0X51,0	1.163,0	1.800,0
4G35	14,6X52,8-16,5X59,0	1.786,0	2.500,0
KYFLCY			
8X7G0,5	11,7X63,0-12,5X71,0	455,0	1.180,0
4X4G1	10,8X34,5-11,5X35,5	315,0	625,0