



## INNOVCABLE 2YSL(St)CYK-J 0.6/1KV EMV BLACK



- Conductor material: bare copper wires
- Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Insulation vein: XLPE 90° C
- Veins coloured with green earth (G) in accordance with DIN VDE 0293-308.
- Twisted in layers.
- Polyester tape applied helically.
- Armour: helically applied aluminised polyester tape and tinned copper wire armour, 85% coverage.
- Special PVC outer cover resistant to oils, grease, acids and radiation (up to 80x106cJ/Kg (up to 80 Mrad)), in PT colour.
- Manufactured free from noxious substances and silicone.
- Rated voltage: 0,6/1KV
- Test voltage: 4.000 V
- Conductor resistance: according to DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Insulation resistance: min. 20 MΩx Km.
- Min. bending radius fixed use: up to 12mmØ: 5 x d; up to 20mm Ø: 7,5 x d; > 20mm Ø: 10 x d.
- Min. bending radius if mobile: up to 12mmØ: 10 x d; up to 20mm Ø: 15 x d; > 20mm Ø: 20 x d.
- Flame retardant according to IEC 60332-1

### Identification

- All cables with identification (G) have 1 green conductor to earth, (x) without green conductor to earth.

External identification engraving:

INNOVCABLE 2YSL(St)CYK-J 0.6/1KV EMV BLACKn (x) or (G) mm<sup>2</sup> OF: XXXX/ANO

### Applicable Specifications



DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

DIN VDE 0293

IEC 60332-1

DIN VDE 0250

## Applications

Cable for power, control and connections of electrical equipment, for use in servo motor systems with frequency inverter technology, for fixed and flexible applications without traction, can be applied in dry and wet locations. It has UV protection (external use). Flame retardant according to IEC 60332-1. Resistant to oils, greases, acids and radiation (up to  $80 \times 10^6 \text{ cJ/Kg}$  (up to 80 Mrad)). Operating voltage: 0,6/1kv. Manufactured free from noxious substances and silicone. Recommended for EMC applications.

## Maximum Conductor Temperature

-40° C / +90° C

## Notes

G = with 1 green conductor to earth;

x = without a green earth conductor (OZ).

- Several other cable options and configurations can be produced on request.
- Innovcable reserves the right to modify this catalogue without prior notice.



## DADOS DIMENSIONAIS

Dimensional n x mm <sup>2</sup>	Externo Ø mm	Peso do cobre kg/km	Peso Total kg/km	Amperagem A	Capacitância cond./cond. nF/km	Capacitância cond./blinda gem nF/km
4 G 1,5	10,6	95,0	212,0	18	70	110
4 G 2,5	12,3	150,0	270,0	26	80	130
4 G 4	14,5	235,0	362,0	34	90	150
4 G 6	16,2	320,0	582,0	44	110	170
4 G 10	19,5	533,0	794,0	61	120	190
4 G 16	22,4	789,0	1.188,0	82	130	220
4 G 25	27,0	1.236,0	1.713,0	108	145	230
4 G 35	30,7	1.662,0	2.402,0	135	150	260
4 G 50	35,3	2.345,0	2.718,0	168	175	290
4 G 70	40,2	3.196,0	3.636,0	207	180	300
4 G 95	45,0	4.316,0	4.700,0	250	195	320
4 G 120	49,9	5.435,0	5.699,0	292	215	340