FLYCY

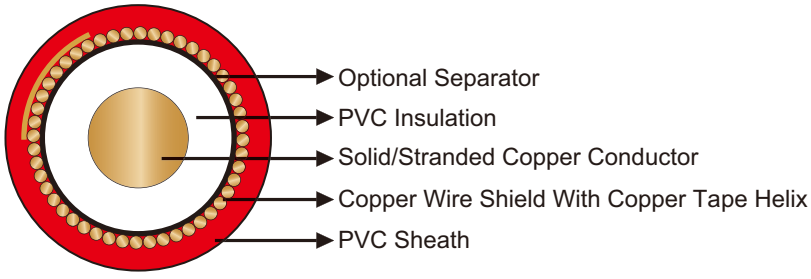
» Applications

These cables are used as airfield lighting equipment primary cables for the series circuit connecting the Constant Current Regulators and the isolating transformers, and between the isolating transformers.

» Standards

ENV 50213
IEC 50602-2
VDE 0271

» Construction



Conductor: Solid or stranded bare copper conductor.
Insulation: PVC.
Optional Separator: Separator tape.
Shield: Concentric layer of bare copper wires, counter helix of a copper tape.
Sheath: PVC.

» Technical Data

Rated Voltage Uo/U (Um)	1/2kV, 1.5/3kV, 2.5/5kV, 3/6kV, 5/10kV
Maximum Conductor Temperature	90℃
Short Circuit Temperature	250℃
Operating Temperatures	-40℃~+90℃
Minimum Bending Radius	15×OD
Flame Retardant	Yes

Impacted Resistant	Yes
Weather Resistant	Yes

» Dimensions and Weight

1/2kV

Construction	Nominal Insulation Thickness	Nominal Shield Cross Section	Nominal Sheath Thickness	Nominal Overall Diameter	Nominal Weight
No. ×mm²	mm	mm²	mm	mm	kg/km
1×6	1.5	2.5	1.4	10.0	170

1.5/3kV

Construction	Nominal Insulation Thickness	Nominal Screen Cross Section	Nominal Sheath Thickness	Nominal Overall Diameter	Nominal Weight
No. ×mm²	mm	mm²	mm	mm	kg/km
1×6	2.8	2.5	1.4	12.5	240

2.5/5kV

Construction	Nominal Insulation Thickness	Nominal Shield Cross Section	Nominal Sheath Thickness	Nominal Overall Diameter	Nominal Weight
No. ×mm²	mm	mm²	mm	mm	kg/km
1×6	3.0	4	1.4	13.0	250

3/6kV

Construction	Nominal Insulation Thickness	Nominal Shield Cross Section	Nominal Sheath Thickness	Nominal Overall Diameter	Nominal Weight
No. ×mm²	mm	mm²	mm	mm	kg/km
1×6	3.0	4	1.4	13.0	250
1×16	3.0	6	1.4	15.0	465

5/10kV

Construction	Nominal Insulation Thickness	Nominal Screen Cross Section	Nominal Sheath Thickness	Nominal Overall Diameter	Nominal Weight
No. ×mm²	mm	mm²	mm	mm	kg/km
1×6	3.8	6	1.4	16.5	360
1×10	3.8	6	1.4	17.0	390