



P16 IFLI 250 V

<b>Applications :</b>	These cables are flame retardant, low smoke and halogen free, used for living, quarter and office areas.
<b>Standards :</b>	IEC 60092-376 IEC 60092-351 IEC 60092-359 IEC 60332-1 IEC 60332-3-22 IEC 60754-1,2 IEC 61034-1,2 NEK 606:2004
<b>Conductors :</b>	Circular stranded copper wire to IEC 60228 class 2.
<b>Insulation :</b>	XLPE.
<b>Bedding :</b>	Halogen free thermoplastic compound.
<b>Armour :</b>	Tinned copper wire braid.
<b>Metal Screen :</b>	Longitudinal aluminium tape, thickness 0.2 mm in contact with a stranded copper earth conductor.
<b>Outer Sheath :</b>	Halogen free thermoplastic compound, SHF1, coloured grey.

Electrical Characteristics :

<b>Nominal Cross Section Area</b>	mm <sup>2</sup>	2.5
<b>Maximum Resistant@20°C</b>	Ω/km	7.41
<b>Continuous Current Rating@45°C2 Core</b>	A	26
<b>Short Circuit Current 1s</b>	A	360
<b>Operating Voltage</b>	V	250

Mechanical and Thermal Properties :

Bending Radius : 8×OD (during installation); 6×OD (fixed installed).

Temperature Range : -20°C ~ +90°C.

Dimensions and Weight :

Construction No. of elements×No. of cores in element×Cross section (mm <sup>2</sup> )	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm		Nominal Overall Diameter mm	Nominal Weight kg/km
		Inner	Outer		
2×1×2.5	0.7	1.1	1.2	10.0	180