



## 450/750 V Lift F PVC Flatform Cable



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### Application Range

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- For Cable Trolley applications
- For space saving installations
- Suitable for cable chain applications
- Conveyor and hoist equipment
- Control cable in Lift & elevator applications

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### Design

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- Conductor: Bare copper wires to EN 60228 Class 5
- Core insulation: PVC TI4 Type
- Core identification: 4 Cores – Black, Grey, Brown, Green/Yellow  
5 Cores – Black, Grey, Brown, Blue, Green/yellow  
>5 Cores – Black cores with white numbers + Green/Yellow
- Outer sheath: PVC TM4 Type Black to RAL 9005

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### Technical Data

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- Standard: acc. to DIN EN 50214
- Working Voltage: 05VVH6-F – 300/500V  
07VVH6-F – 450/750V
- Test Voltage: 05VVH6-F – 2000V  
07VVH6-F – 2500V
- Temperature: Fixed: -40°C to +60°C  
Flexing: -25°C to +60°C
- Flame Retardant: acc. to IEC 60332-1 & EN 50265-2-1

**Mechanical Properties:**

	<b>Min. Bending Radius:</b>			
	Up to 8 mm	Above 8 up to 12 mm	Above 12 mm up to 20mm	Above 20mm
Flexible	3 x Dia	4 x Dia	5 x Dia	5 x Dia
Fixed installation	3 x Dia	3 x Dia	4 x Dia	4 x Dia
Festoon Systems	3 x Dia	4 x Dia	5 x Dia	5 x Dia
Drag Chain Mode	4 x Dia	4 x Dia	5 x Dia	5 x Dia

**Part Numbers:**

Part Number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm (HxW)	Weight in kg/km
38106971	4G1.5 mm <sup>2</sup>	5.4x14.9mm	135
38106972	5G1.5 mm <sup>2</sup>	5.4x17.7mm	190
38106973	7G1.5 mm <sup>2</sup>	5.4x26.2mm	250
38107021	8G1.5mm <sup>2</sup>	5.4x27.5mm	291
38106974	12G1.5 mm <sup>2</sup>	5.4x39.8mm	395
38106975	4G2.5 mm <sup>2</sup>	5.6x17.2mm	195
38106976	5G2.5 mm <sup>2</sup>	5.6x20.6mm	275
38106977	7G2.5 mm <sup>2</sup>	5.6x30.4mm	340
38107022	8G2.5 mm <sup>2</sup>	5.6x32.3mm	398
38106978	12G2.5 mm <sup>2</sup>	5.6x47.4mm	570
38106979	4G4 mm <sup>2</sup>	6.8x19.2mm	290
38106980	7G4 mm <sup>2</sup>	6.8x34.6mm	570
38106981	4G6 mm <sup>2</sup>	7x21.2mm	395
38106982	4G10 mm <sup>2</sup>	9.2x28mm	615
38106983	4G16 mm <sup>2</sup>	10.2x31.2mm	935
38106984	4G25 mm <sup>2</sup>	12.4x40.8mm	1350