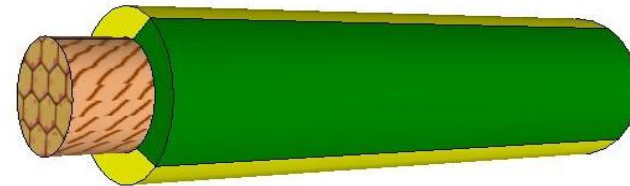


Description Cu/PVC	Size (mm²) 1X50	Voltage Grade (V) 450/750	Code Designation H07V-R
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Applicable Standards	Application
BS EN 60228 BS EN 50525-2-31	For indoor fixed installations and it's normally used for power distribution in urban networks. Suitable for laying in conduits as well as in steel support brackets.



Features	Cable Identification	Construction
Conductor Operating Temp. up to 70 °C Conductor Short Circuit Temp. up to 160 °C	Insulation Color Green / Yellow Marking Over the Insulation EL SEWEDY CABLES 140/001 BASEC H07V-R 1X50 mm ² 450/750 V BS EN 50525-2-31 CE Manufacturing Year	Conductor Circular Stranded Compacted Copper (Class 2) Insulation PVC (TI 1)

Electrical Data		
Conductor Max. DC Resistance at 20°C	0.387	Ω/km
Conductor Max. AC Resistance at 70°C	0.46	Ω/km
Conductor Short Circuit Current for 1 sec.	5.8	kA
Rated Current (laid in Air) *	179	A
Rated Current (laid in Pipe) *	122	A

General Data		
Nominal Cable Diameter	11	mm
Approximate Cable Weight	475	kg/km
Minimum Bending Radius	8 × Outer Diameter	

* Air Temperature = 30 °C , Trefoil Formation

Testing
All routine tests required by BS EN 50525-2-31 will be performed on the cable and a test certificate will be supplied on request.