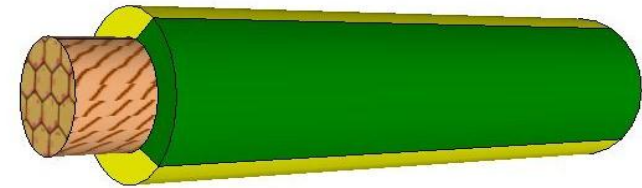


Description	Size (mm²)	Voltage Grade (V)	Code Designation
Cu/PVC	1X25	450/750	H07V-R

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	Conductor	Construction
Conductor Operating Temp. up to 70 °C Conductor Short Circuit Temp. up to 160 °C		Conductor Insulation	Circular Stranded Compacted Copper (Class 2) PVC (TI 1)

Insulation Color

Green / Yellow

Marking Over the Insulation

EL SEWEDY CABLES 140/001 BASEC H07V-R 1X25 mm² 450/750 V
BS EN 50525-2-31 CE Manufacturing Year

Electrical Data		
Conductor Max. DC Resistance at 20°C	0.727	Ω/km
Conductor Max. AC Resistance at 70°C	0.86	Ω/km
Conductor Short Circuit Current for 1 sec.	2.9	kA
Rated Current (laid in Air) *	118	A
Rated Current (laid in Pipe) *	81	A

General Data		
Nominal Cable Diameter	8.2	mm
Approximate Cable Weight	265	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.