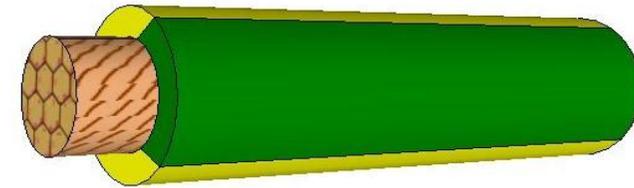


<b>Description</b>	<b>Size (mm<sup>2</sup>)</b>	<b>Voltage Grade (V)</b>	<b>Code Designation</b>
<b>Cu/PVC</b>	<b>1X95</b>	<b>450/750</b>	<b>H07V-R</b>

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	<b>Insulation Color</b> Green / Yellow <b>Marking Over the Insulation</b> EL SEWEDY CABLES 140/001 BASEC H07V-R 1X95 mm <sup>2</sup> 450/750 V BS EN 50525-2-31 CE Manufacturing Year	<b>Conductor</b> Circular Stranded Compacted Copper (Class 2) <b>Insulation</b> PVC (TI 1)

Electrical Data		
<b>Conductor Max. DC Resistance at 20°C</b>	0.193	Ω/km
<b>Conductor Max. AC Resistance at 70°C</b>	0.23	Ω/km
<b>Conductor Short Circuit Current for 1 sec.</b>	10.9	kA
<b>Rated Current (laid in Air) *</b>	289	A
<b>Rated Current (laid in Pipe) *</b>	191	A

General Data		
<b>Nominal Cable Diameter</b>	14.5	mm
<b>Approximate Cable Weight</b>	920	kg/km
<b>Minimum Bending Radius</b>	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.