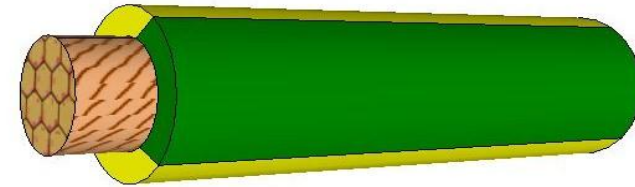


| | | | |
|-------------------------------|--|-------------------------------------|-----------------------------------|
| Description Cu/LSHF | Size (mm ²) 1X95 | Voltage Grade (V) 450/750 | Code Designation H07Z-R |
|-------------------------------|--|-------------------------------------|-----------------------------------|

| Applicable Standards | Application |
|---------------------------------|--|
| BS EN 60228 BS EN 50525-3-41 | 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 90 °C Conductor Short Circuit Temp. up to 250 °C Flame Retardant acc. to BS EN 60332-1 Smoke emission acc. to BS EN 61034 | Insulation Color Green / Yellow Marking Over the Insulation EL SEWEDY CABLES 140/001 BASEC H07Z-R 1X95 mm ² 450/750 V BS EN 50525-3-41 CE Manufacturing Year | Insulation Thermosetting LSHF (EI 5) | Circular Stranded Compacted Copper (Class 2) |

| Electrical Data | | |
|--|-------|------|
| Conductor Max. DC Resistance at 20°C | 0.193 | Ω/km |
| Conductor Max. AC Resistance at 90°C | 0.248 | Ω/km |
| Conductor Short Circuit Current for 1 sec. | 13.6 | kA |
| Rated Current (laid in Air) * | 330 | A |
| Rated Current (laid in Pipe) * | 259 | A |

| General Data | | |
|--------------------------|---------------------|-------|
| Nominal Cable Diameter | 14.5 | mm |
| Approximate Cable Weight | 920 | kg/km |
| Minimum Bending Radius | 20 × Outer Diameter | |

* Air Temperature = 30 °C , Trefoil Formation

| Testing | |
|---|--|
| All routine tests required by BS EN 50525-3-41 will be performed on the cable and a test certificate will be supplied on request. | |