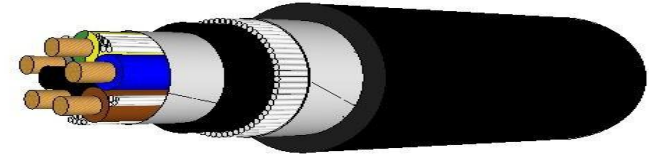


Description	Size (mm <sup>2</sup> )	Voltage Grade (kV)
<b>Cu/XLPE/SWA/LSHF</b>	<b>5X35</b>	<b>0.6/1 (1.2)</b>

Applicable Standards	Application
BS EN 60228 BS 6724	For outdoor and indoor fixed installations and it's normally used for power distribution in urban networks and industrial plants. Suitable for laying underground directly or in ducts or on trays in free air.



Features	Cable Identification
Conductor Operating Temp. up to 90 °C Conductor Short Circuit Temp. up to 250 °C Flame Retardant acc. to BS EN 60332-3-24 Smoke emission acc. to BS EN 61034 Acid gas emission acc. to BS EN 60754	<b>Cores Identification</b> Brown , Black , Grey , Green / Yellow , Blue  <b>Outer Sheath Color</b> Black  <b>Marking Over the Outer Sheath</b> EL SEWEDY CABLES 140/001 BASEC ELECTRIC CABLE 5X35 mm2 600/1000 V Cu/XLPE/SWA/LSHF BS 6724 CE Manufacturing Year H

Construction	
<b>Conductor</b>	Circular Stranded Compacted Copper (Class 2)
<b>Insulation</b>	XLPE (GP 8)
<b>Inner Sheath</b>	LSHF
<b>Armour</b>	Steel Wire Armour
<b>Outer Sheath</b>	LSHF (LTS 1)

Electrical Data		
Conductor Max. DC Resistance at 20°C	0.524	Ω/km
Conductor Max. AC Resistance at 90°C	0.6686	Ω/km
Conductor Short Circuit Current for 1 sec.	5	kA
Rated Current (laid in Air) *	166	A
Rated Current (laid in Duct) *	140	A
Rated Current (laid in Ground) *	185	A

General Data		
Nominal Cable Diameter	32.8	mm
Approximate Cable Weight	2945	kg/km
Minimum Bending Radius	20 × Outer Diameter	

\* Air Temperature = 30 °C , Ground Temperature = 20 °C , Soil Thermal Resistivity = 1 °C.m/W , Burial Depth = 0.5 m

Testing
All routine tests required by BS 6724 will be performed on the cable and a test certificate will be supplied on request.

Packing		
Standard Cutting Length	1000 (±3%)	m
Drum Type	Wooden Drum	