Flexible Multicore Cables Suitable for Diesel & Electric Vehicles

For illustrative purposes only. Not to scale. Stranding & proportion may vary.

Document **Information**

Drawing Number	LCM181109A-V2
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Design Type	Gen to IEC 60502-1, BS6195 & BRB/RIA No.10

Cable **Construction**

16 mm² Stranded Tinned Annealed Copper Conductor
(IEC 60228 Class 5)

Extruded Crosslinked Elastomer Insulation
(Highly Flexible Elastomer to BS 7655 Type GP7)

6 Cores laid up around central filler
Taped with Polyester (Melinex®/Mylar®) Tape

Extruded Polymer Alloy Outer Sheath
(Highly Flexible Oil Resistant Elastomer)

Colours & **Identification**

Core Identification
6 x Red Cores
Cores printed with numbers 1 to 6

Outer Sheath Colour
Black

Properties & **Standards**

Electrical	
Voltage Rating	600/1000 V
Temperature	
Max. Conductor Operating Temperature	85°C
Operating Temperature Range	-30°C to +90°C
Physical	
Minimum Bend Radius	6 x Overall Diameter
Fire Performance	
Flame Retardance	IEC 60332-1-2

Properties and Standards may be indicative prior to manufacture and testing.

Nominal **Dimensions**

Conductor Cross Sectional Area	16	mm²
Conductor Stranding	126/0.40	mm
Insulation Radial Thickness	2.2	mm
Insulation Diameter	9.87	mm
Layup Diameter	29.66	mm
Outer Sheath Radial Thickness	2.1	mm
Outer Sheath Diameter	33.86	mm

Dimensions are theoretical nominals calculated prior to manufacture.

MANUFACTURED IN GREAT BRITAIN CE RoHS