

Extra Flexible Multicore Power Cable for OEM Applications

50mm² • 4 Cores (3 Cores + Earth) • Generally to IEC 60502-1 • 600/1000V



General Information

Part Number

Anixter part number A4DL-C004 for General Vacuum Equipment Ltd. General Vacuum was later renamed BOBST Manchester Ltd in 2012.

Document History

22/06/2010
1000622H
Initial Design

4/12/2018

HYFLEX-A4DL-C004-0500-4C-REV1

Insulation Material Change from TPV to EPR
Outer Sheath Colour Change to Burnt Orange

26/11/2021

LCM211126A-V1 (Current Version - This Document)
Clarification on Layup Filler Materials (Polyester Cord)

Colours & Identification

Core Identification

1 x Green/Yellow Core
3 x White Cores Numbered 1 to 3

Outer Sheath Colour

Burnt Orange

Properties & Standards

Design Standards

Generally to IEC 60502-1

Electrical

Voltage Rating	600/1000	V
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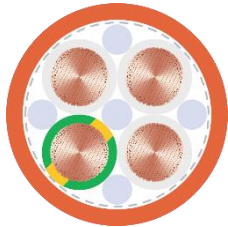
Temperature

Max Conductor Temperature	90	°C
Operating Temperature Range	-30 to 90	°C

Physical

Minimum Bend Radius	8	x OD
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Cable Construction



Conductor

50 mm² Super-Flexible Stranded Plain Annealed Copper
(IEC 60228 Class 6)

Insulation

Extruded EPR (Ethylene Propylene Rubber) to BS 7655 Type GP4/GP7

Lay Up

4 Cores Laid Up with Polyester Cord Fillers to Interstices

Binding & Separation

Helically Applied Polyester (Melinex®/Mylar®) Tape

Sheath

Highly Flexible Extruded TPV (Thermoplastic Vulcanisate)

Nominal Dimensions

Conductor Cross Sectional Area	50	mm ²
Conductor Stranding	19x37/0.3	mm
Conductor Diameter	10.2	mm
Insulation Radial Thickness	1.4	mm
Diameter over Insulation	13	mm
Diameter over Taped Layup	31.51	mm
Outer Sheath Radial Thickness	2.1	mm
Outer Sheath Diameter	35.71	mm

LEIGH CABLES - HYFLEX - MADE IN GREAT BRITAIN