

FG16M16 Power Cable - 1.5mm² to 630mm²



Description

FG16M16 Power Cable | 0.6/1kV | Fire Resistant | Cca-s1b,d1,a1

Key Features



Voltage Rating
 600/1000 V AC
 900/1500 DC
 600/1200 Volts AC
 1800V DC



Minimum Bending Radius
 4 x Overall Diameter



Oils, Greases and Chemicals Resistant
 Yes



Flame Retardancy
 BS EN/IEC 60332-1-2



Temperature Limits
 Temperature Range: -15°C to + 90°C
 Maximum short-circuit temperature: 250°C



CPR Compliant
 Yes

Core Colours

Single Core : Black

Standards

- EN 50575:2014+A1:2016
- IEC 60228
- IEC 60754-2
- IEC 61034-2
- BS EN/IEC 60332-1-2
- EN 50399
- CEI UNEL 35324
- CEI 20-13
- UNI EN 13501-6

Construction

- Conductor:** Class 5 flexible, plain copper wire
- Insulation:** G16 Hard Grade Ethylene Propylene Rubber (HEPR)
- Filler:** Thermoplastic filler with reduced emission of corrosive gases
- Outer Sheath:** M16 quality thermoplastic compound
- Sheath Colour:** Green

QA Lab

Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

ecovadis

FG16M16 Power Cable - 1.5mm² to 630mm² - Dimensions

| Reference | Conductor Size (mm ²) | No Of Cores | Max Resistance at 20°C (m/km) | Outside Diameter(mm) | Weight(Kg/Km) |
|--------------|-----------------------------------|-------------|-------------------------------|----------------------|---------------|
| FG16M161X1/5 | 1.5 | 1 | 13.3 | 8.2 | 75 |
| FG16M161X2/5 | 2.5 | 1 | 7.98 | 8.7 | 94 |
| FG16M161X4 | 4 | 1 | 4.95 | 9.3 | 113 |
| FG16M161X6 | 6 | 1 | 3.30 | 9.9 | 136 |
| FG16M161X10 | 10 | 1 | 1.91 | 10.9 | 189 |
| FG16M161X16 | 16 | 1 | 1.21 | 11.4 | 246 |
| FG16M161X25 | 25 | 1 | 0.78 | 13.2 | 343 |
| FG16M161X35 | 35 | 1 | 0.554 | 14.6 | 438 |
| FG16M161X50 | 50 | 1 | 0.386 | 16.4 | 590 |
| FG16M161X70 | 70 | 1 | 0.272 | 18.3 | 785 |
| FG16M161X95 | 95 | 1 | 0.206 | 20.4 | 1003 |
| FG16M161X120 | 120 | 1 | 0.161 | 22.4 | 1250 |
| FG16M161X150 | 150 | 1 | 0.129 | 24.8 | 1540 |
| FG16M161X185 | 185 | 1 | 0.106 | 27.2 | 1900 |
| FG16M161X240 | 240 | 1 | 0.0801 | 30.4 | 2410 |
| FG16M161X300 | 300 | 1 | 0.0641 | 33 | 3031 |
| FG16M161X500 | 500 | 1 | 0.0384 | 39 | 4900 |
| FG16M161X630 | 6300 | 1 | 0.0287 | 43.4 | 6257 |

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

