Draka

A Brand of Prysmian Group

6241Y

PVC Flat Wiring Cable with Bare CPC. BS 6004. 300/500 V



Draka 6241Y is a flat PVC insulated and sheathed low voltage wiring cable typically used for small power and lighting applications. Single core with bare CPC

KEY APPLICATIONS

Suitable for fixed installation in industrial, commercial and domestic premises, installation in walls, on boards, in conduit, trunking or embedded in plaster for small power and lighting applications

FEATURES AND BENEFITS

- · Ideal for lighting and switching circuits
- · Easy to strip
- Manufactured under ISO 9001 Quality management systems

STANDARDS



BS 6004

BS EN 60332-1-2

Construction Standard

Flame Propagation - Single Cable

CONSTRUCTION

Conductor material

Conductor surface

Core insulation material

Material outer sheath Cable shape

Copper

Bare

Polyvinyl chloride (PVC)

Polyvinyl chloride (PVC)

Flat

GB40_6241Y_20240502 P 1

Draka

A Brand of Prysmian Group

APPLICATIONS PROPERTIES

Nominal voltage U0 [V] 300
Nominal voltage U [V] 500

Flame retardant In accordance with BS EN 60332-1-2

Max. conductor temperature [°C]70Min. Operation temperature [°C]-15Min. Installation temperature [°C]0Max. Installation temperature [°C]60

Bending radius (rule) 4D (Minor axis)

COLOURS

Insulation: Brown or Blue

Sheath:Grey

CURRENT RATINGS

Refer to table 4D5 of BS 7671 Requirements for Electrical Installations. IET Wiring Regulations

Copyright Prysmian - 2024 You may not copy, reprint or reproduce in any form the content, either wholly or in part, of this Datasheet, without the written permission of the copyright owner. All sizes and values without tolerances are reference values. Specifications are for product as supplied by Prysmian: any modification or alteration afterwards of product may give different result. The information is believed to be correct at the time of issue. Prysmian reserves the right to amend the information within this Datasheet without prior notice. This Datasheet may include inaccuracies, omissions of content and of information and is not contractually valic unless specifically authorised by Prysmian. Draka U.K. Limited acts as agent for and on behalf of Prysmian Cables & Systems Limited. Property of Prysmian Group UK - Uncontrolled when printed Draka UK Limite Chickenhall Lane, Eastleigh, Hampshire, SO50 6YU, United Kingdom

Draka

A Brand of Prysmian Group

TECHNICAL DATA

Number of cores	Nominal cross section conductor [mm²]	Conductor category	Nominal cross section of protective conductor [mm²]	Cable height approx. [mm]	Cable width approx. [mm]	Cable weight [kg/km]	Conductor resistance at 20° C [Ohm/km]
1	1	Class 1 = solid	1	4.5	5.6	38	18.1
1	1.5	Class 1 = solid	1	4.7	5.8	46	12.1