

Product data sheet

Specifications

Schneider Electric VDICD42312L

Image

⚠ Discontinued

Actassi FL-C Fibre Cable OM3
50/125µm Loose Tube 12
fibres 525m Euroclass D

VDICD42312L

⚠ Discontinued on: Oct 25, 2021

Main

Range	Actassi
Product	Fibre optic cable multi mode
Device Application	Communication
Cable Packaging	Drum of 525 m

Complementary

Maximum Attenuation	0.6 dB at 1300 nm 2.5 dB at 850 nm
Bandwidth	LED: 1500 MHz.km at 850 nm LED: 500 MHz.km at 1300 nm
Fibre Performance	OM3 50/125 µm
Optic Fibre Type	Loose tube diameter: 250 µm
Type Of Cable	Non armoured
Number Of Optic Fibre	12
Bending Radius	10 x overall diameter long term 20 x overall diameter short term
Pulling Force	1500 N
Crush Resistance	15000 N/m
Refractive Index Group	1.483 at 850 nm 1.479 at 1300 nm
Colour	External sheath: green, RAL 6016
Type Of Installation	Indoor/outdoor
Cabling Installation System	Cable duct
Calorific Value	0.548 MJ
Diameter	6 mm
Cable Weight	40 kg / 1000 m
Targeted Region	Europe

Environment

Ambient Air Temperature For Operation	-20...60 °C
Ambient Air Temperature For Installation	-5...50 °C
Ambient Air Temperature For Storage	-40...70 °C
Euroclass Level	Dca s2 d2 a2

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Flame Retardance	LSZH
Environmental Characteristic	Rodent retardant: glass yarn Water resistant (longitudinally): gel Water resistant (longitudinally): swellable yarn UV resistant:
Standard	Cable specification conforming to IEC 60794-2 Cable test procedure conforming to IEC 60794-1-2 Fibre colour coding conforming to TIA/EIA-598-A Fibre performance conforming to IEC 60793-2-10 Type A1a.2 Flame retardance conforming to IEC 60332-1 conforming to IEC 60754-2 Fibre performance conforming to ITU G.651.1 conforming to ISO/IEC 11801 Fibre performance conforming to EN 50173-1 conforming to EN 50399

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	31 cm
Package 1 Width	60 cm
Package 1 Length	60 cm
Package 1 Weight	26 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations