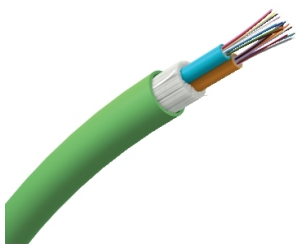


Product datasheet

Specifications



Actassi FL-C Fibre Optic Cable OS29/125 µm loose tube 24 fibres 525 m

VDIC42524L

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

Main

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

Complementary

Maximum Attenuation	0.22 dB at 1550 nm 0.33 dB at 1625 nm 0.35 dB at 1383 nm 0.25 dB at 1310 nm
Fibre Performance	OS2 9/125 µm
Optic Fibre Type	Loose tube diameter: 250 µm
Type Of Cable	Non armoured
Number Of Optic Fibre	24
Polarisation Mode Dispersion	0.2 ps/km ^{0.5} fibre 0.08 ps/km ^{0.5} link
Chromatic Dispersion	0,086 at 1310 nm
Bending Radius	10 x overall diameter long term 20 x overall diameter short term
Pulling Force	1800 N
Crush Resistance	3000 N/m
Refractive Index Group	1.464 at 1310 nm 1.4645 at 1550 nm
Colour	External sheath: green, RAL 6018
Type Of Installation	Indoor/outdoor
Cabling Installation System	Cable duct
Calorific Value	0.823 MJ
Diameter	7.2 mm
Cable Weight	53 kg
Targeted Region	Europe

Environment

Ambient Air Temperature For Operation	-20...70 °C
---------------------------------------	-------------

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

Ambient Air Temperature For Installation	-5...50 °C
Ambient Air Temperature For Storage	-40...70 °C
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 60793-2-50 Type B1.3 Fibre performance conforming to ITU G.652.D Flame retardance conforming to IEC 60332-1 conforming to IEC 60754-1 conforming to IEC 60754-2 conforming to IEC 61034 conforming to ISO/IEC 11801:2011 Ed.2.2 OS2

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	49 cm
Package 1 Width	75 cm
Package 1 Length	75 cm
Package 1 Weight	37.825 kg

Contractual warranty

Warranty	18 months
----------	-----------

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

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)

Environmental Disclosure

[Product Environmental Profile](#)