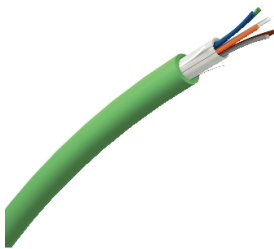# Product data sheet

Specifications

Actassi FL-C Fibre Cable OS2 9/125μm Tight Buffer 6 fibres 525m Euroclass D

VDICD42506T

⊘ Discontinued on: Oct 25, 2021

⊘ **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 0.35 dB at 1310 nm 0.25 dB at 1625 nm
Fibre Performance	OS2 9/125 μm
Optic Fibre Type	Tight buffered diameter: 900 μm
Number Of Optic Fibre	6
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	800 N
Crush Resistance	20000 N/m
Refractive Index Group	1.464 at 1310 nm 1.4645 at 1550 nm
Colour	External sheath: green, RAL 6016
Type Of Installation	Indoor/outdoor
Cabling Installation System	Cable duct
Calorific Value	0.542 MJ
Diameter	5.1 mm
Cable Weight	28 kg / 1000 m
Targeted Region	Europe

Environment

Ambient Air Temperature For Operation	-10…60 °C
Ambient Air Temperature For Installation	-5…50 °C

Ambient Air Temperature For Storage	-30…70 °C
Euroclass Level	Dca s2 d2 a2
Flame Retardance	LSZH
Environmental Characteristic	Rodent retardant: glass yarn 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 60754-2 conforming to ISO/IEC 11801 conforming to EN 50399 conforming to EN 50173-1

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	31.5 cm
Package 1 Width	60 cm
Package 1 Length	60 cm
Package 1 Weight	21 kg

Sustainability

Green Premium^{TM} 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-CO_2 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