Unibundle cables

SC LSZH 4XSM G657A2 WT SP1249

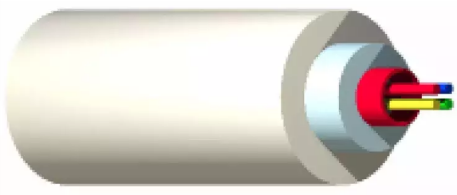
Aginode Ref: 10201442

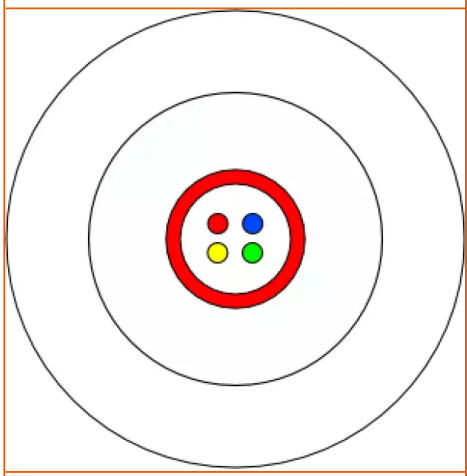
Unibundle cable with CPR classification : Cca-s1a,d1,a1

This unibundle cable is designed for indoor/outdoor installation.

This cable has an outstanding fire behaviour.

This cable can be operated under a large temperature range.





Design

The SC LSZH* SP1249 cable has a central bundle with 4 fibres inside. The design is reinforced by a layer of watertight glass yarns and a LSZH* sheath.

Fibre type

The SC LSZH* SP1249 cable is available with singlemode fibres.

Technical performances

The unibundle cable performances are specified in the following tables.

Additional details

This cable is provided with a white sheath. Long exposure to UV with this colour could generate colour yellowing.

* LSZH: Low Smoke Zero Halogen.

STANDARDS

EN 50399
IEC 60332-1
IEC 60332-3
IEC 60754-1
IEC 60794
IEC 61034
NF C32-070/C2

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

SC LSZH 4xSM G657A2 WT SP1249

Characteristics

구조적 특성	
Additional strength member	유리사
색상	하얀색
구조	싱글 번들 튜브
Fiber optic type	SM (G657.A2)
Halogen free	IEC 60754-1
Material used for longitudinal water tightness	Watertight glass yarns
Metal free	Yes
피복	저연 할로겐 프리
치수	
무게(근사치)	21 kg/km
Cable Diameter, range	3.9...4.5 mm
Nominal outer diameter (mm)	4.1 mm
Number of optical fibres	4
Number of optical fibres, range	1...12
기계적 특성	
Crush resistance (IEC 60794-1-E3)	200 N/cm
Maximum installation tension	750 N
Maximum permanent tensile load	0.2 kN
Mechanical resistance to impacts	10 impacts of 3 N.m
사용 특성	
Fire retardant	IEC 60332-3
난연	IEC 60332-1
Installation temperature, range	0...40 °C
Installation type	Indoor/Outdoor
Laying operation bending radius	15 mm
Minimum static operating bending radius	15 mm
操作温度范围	-30...60 °C

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Rodent protection	Glass yarns
연기밀도	IEC 61034-2
Storage temperature, range	-40...60 °C
U.V resistance	Very good
Water proof	Longitudinal & radial

Declaration of Performance

CprRegulation_CE_10201442 SC LSZH 4xG657A2 SP1249 WT (AG).pdf pdf — 49.7 KB 다운로드

판매 및 배송 정보

Standard Marking

Aginode - FIBRE OPTIC CABLE - SC LSZH Cca s1a d1 a1 SPXXXX - XXxYY TN - metric

XX = Fibre Count YY = Fibre Type TN = Traceability Number

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