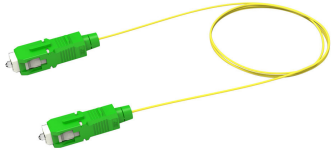


AFGSGSGL1

Base Product



Fiber Patch Cord, Singlemode G.657.A2, Grade B, SC/APC to SC/APC, Simplex, 1.6 mm LSZH jacket

Product Classification

Regional Availability	Asia Australia/New Zealand Europe Latin America Middle East /Africa North America
Portfolio	CommScope®
Product Type	Fiber patch cord, simplex
Product Series	AFG

General Specifications

Connector A, quantity	1
Color, connector A	Green
Connector B, quantity	1
Color, connector B	Green
Interface, Connector A	SC/APC
Interface, Connector B	SC/APC
Total Fibers, quantity	1
Transmission Standards	IEC 61755

Dimensions

Cable Assembly Length Range (m)	1 – 999
Cable Assembly Length Range (ft)	1 – 999
Diameter Over Jacket	1.6 mm 0.063 in

Ordering Tree

AFGSGSGL1



Mechanical Specifications

Minimum Bend Radius, loaded	50 mm 1.969 in
Minimum Bend Radius, unloaded	30 mm 1.181 in
Tensile Load, long term, maximum	33 N 7.419 lbf
Tensile Load, short term, maximum	110 N 24.729 lbf
Cable Crush Resistance, maximum	3.5 N/mm 19.986 lb/in
Mating Durability, maximum	0.2 dB @ 500 cycles

Optical Specifications

Fiber Mode	Singlemode
Fiber Type	G.657.A2, TeraSPEED®
Performance Grade	IEC Random Mating Grade B
Insertion Loss, maximum, connector A	0.25 dB
Insertion Loss, maximum, connector B	0.25 dB
Return Loss, minimum, connector A	65 dB
Return Loss, minimum, connector B	65 dB

Environmental Specifications

Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Environmental Space	Dual Rated LSZH/Riser

Packaging and Weights

Packaging quantity	1
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Regulatory Compliance/Certifications

AFGSGSGL1

Agency

CHINA-ROHS
ISO 9001:2015
ROHS
UK-ROHS

Classification

Below maximum concentration value
Designed, manufactured and/or distributed under this quality management system
Compliant
Compliant



Included Products

- 460159816 – Fiber indoor cable, Low Smoke Zero Halogen YL G.657 .A2, 1 fiber, Singlemode G.657.A2, 1.6 mm diameter, Feet jacket marking, Yellow jacket color
- 860645408 – TeraSPEED® SC/APC Connector Kit for 2.0 mm Fiber, Singlemode, Green, Short Boot

* Footnotes

Performance Grade Guarantee to meet IEC 61755-1 Random Mating requirement