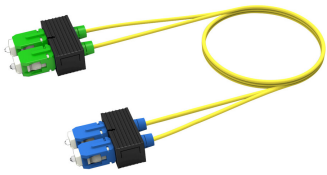


AFGSFSGM2

Base Product



Fiber Patch Cord, Singlemode G.657.A2, Grade B, SC/UPC to SC/APC, Duplex, 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, duplex
Product Series	AFG

General Specifications

Connector A, quantity	2
Color, connector A	Blue
Connector B, quantity	2
Color, connector B	Green
Interface, Connector A	SC/UPC
Interface, Connector B	SC/APC
Total Fibers, quantity	2
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

AFGSFSGM2



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	66 N 14.837 lbf
Tensile Load, short term, maximum	220 N 49.458 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	50 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

AFGSFSGM2

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant
UK-ROHS	Compliant/Exempted



Included Products

- 460159817 – Fiber indoor cable, DX Low Smoke Zero Halogen YL G.657 .A2, 1 fiber, Singlemode G.657.A2, 1.6 mm diameter, Feet jacket marking, Yellow jacket color
- 860645409 – TeraSPEED® SC/UPC Connector Kit, Duplex for 2.0 mm Fiber, Singlemode, Blue, Short Boot
- 860645410 – TeraSPEED® SC/APC Connector Kit, Duplex for 2.0 mm Fiber, Singlemode, Green, Short Boot

* Footnotes

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