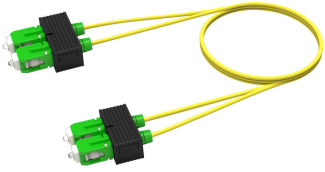


AFGSGSGM2

Base Product



Fiber Patch Cord, Singlemode G.657.A2, Grade B, SC/APC 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 | Green |
| Connector B, quantity | 2 |
| Color, connector B | Green |
| Interface, Connector A | SC/APC |
| 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

AFGSGSGM2



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 | 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 |
|---------------------------|---|

Regulatory Compliance/Certifications

AFGSGSGM2

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/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
- 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