Air Blown Micro Fiber Cable

Variants

1*96 Core 11mm 1*24 core 11mm 1*48 Core 11mm

Details

Air Blown Fiber Cable – Optical Fiber Technical Specifications

Fiber Type	ITU-T G.652 Single-Mode Fiber
Application	Air Blown Fiber (Micro-duct installation)

Geometrical Characteristics

Parameter	Specification
Core Non-Circularity	? 6%
Cladding Diameter	125.0 ± 0.7 ?m
Core / Cladding Concentricity Error	? 0.6 ?m
Cladding Non-Circularity	? 1.0%
Coating Diameter	245 ± 10 ?m
Coating / Cladding Concentricity Error	? 12 ?m

Optical Performance

Parameter	Specification
Attenuation @ 1310 nm	? 0.35 dB/km
Attenuation @ 1550 nm	? 0.21 dB/km
Zero Dispersion Wavelength	1300 – 1324 nm
Zero Dispersion Slope	? 0.092 ps/(nm²·km)
Polarization Mode Dispersion (PMD)	? 0.20 ps/?km

Parameter	Specification
Mode Field Diameter @ 1310 nm	9.0 ± 0.4 ?m
Cut-off Wavelength	1170 – 1330 nm

Chromatic Dispersion

Wavelength	Dispersion Value
1288 – 1339 nm	? 3.4 ps/(nm·km)
1550 nm	? 18 ps/(nm·km)
1625 nm	? 22 ps/(nm·km)

© 2026 | Phone: +977 9851248419 | Email: info@dtechtrading.com | Website: https://demoshop.com. All rights reserved.