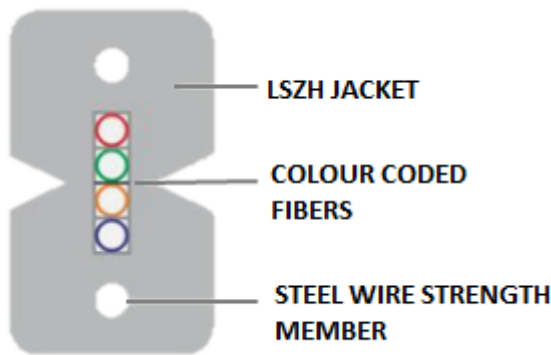


CFC9ID04LSWH | 4 Core Fiber Optic Indoor Drop Cable Single Mode G.657A2



Product Description:

CTS Fiber solution offers small, lightweight and bend insensitive optical drop cables that are suitable for FTTx applications. The cables can be used with fast connectors for quick connection or standard pigtails using fusion/mechanical splicing.

Applications:

Fiber-to-the-Premise (FTTx)
Indoor Application

Standards:

IEC 60793-1; IEC 60793-2
IEC 60794-2; ITU-T G.650
ITU-T G.657; EIA/TIA 598

Features & Benefits:

Steel wire strength member
Colour coded fibers
White LSZH Outer Sheath

*Images are for representative purposes only

Fiber Cable Construction:

Fiber Type	Single Mode OS2 compliant to ITU-T G.657A2
Fiber Count	4
Colour coding	Blue, Orange, Green, Brown
Outer jacket	LSZH
Jacket Colour	White
Outer Diameter	2.0 ± 0.1mm*3.0 ± 0.2mm
Cable weight	9 ± 3kg/km
Operation Temperature	-20 deg C to + 60 deg C
Installation Temperature	-10 deg C to + 50 deg C
Transport and storage temperature	-20 deg C to + 60 deg C

Optical Specifications:

Cladding Diameter	125 ± 0.7µm
Cladding Non-circularity	≤ 1.0%



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Core/clad Concentricity Error	≤ 0.5μm		
Attenuation @1310 nm	≤ 0.40 dB/km		
Attenuation @1550 nm	≤ 0.30 dB/km		
Zero Dispersion Wavelength	1300~1324 nm		
Zero Dispersion Slope	≤ 0.092 ps/nm ² ·km		
Mode Field Diameter @1310 nm	(8.6-9.2) ± 0.4μm		
Macro Bending Loss	10 turns; Φ30 mm	@1550 nm	≤ 0.03 dB
		@1625 nm	≤ 0.1 dB
	1 turns; Φ20 mm	@1550 nm	≤ 0.1 dB
		@1625 nm	≤ 0.2 dB
	1 turns; Φ15 mm	@1550 nm	≤ 0.5 dB
		@1625 nm	≤ 1.0 dB

Mechanical Specifications:

Proof Stress	≥ 0.69Gpa
Max. tensile load	100 N
Crush resistance	500 N/10cm
Minimal installation bending radius	20 x Outer Dia
Minimal operation bending radius	10 x Outer Dia

Testing Standards:

Mode field diameter	IEC 60793-1-45
Core/clad concentricity	IEC 60793-1-20
Cladding diameter	IEC 60793-1-20
Cladding non-circularity	IEC 60793-1-20
Attenuation coefficient	IEC 60793-1-40
Chromatic dispersion	IEC 60793-1-42

Ordering Information:

CFC9ID04LSWH CTS 4 Core Fiber Optic Indoor Drop Cable Single Mode OS2 G.657A2 White 1000m

Colour options - Replace (WH) in the part number with:
YL = Yellow

