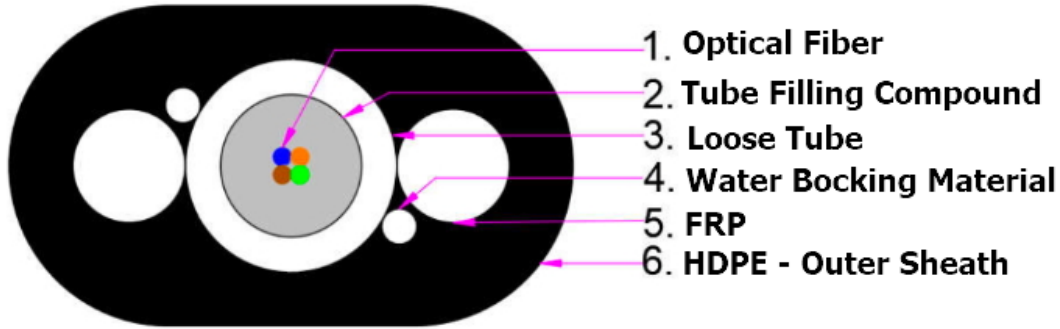


DCSSF-STXXW-2DCN

All-dielectric flat drop cable



1. Structure Diagram



2. The properties of single mode fiber (ITU-T G .657A2)

Items	Description	
	Before cable	After cable
atten.1310	$\leq 0.35\text{dB/km}$	$\leq 0.36\text{dB/km}$
atten.1383	$\leq 0.35\text{dB/km}$	$\leq 0.36\text{dB/km}$
atten.1550	$\leq 0.21\text{dB/km}$	$\leq 0.22\text{dB/km}$
atten.1625	$\leq 0.23\text{dB/km}$	$\leq 0.24\text{dB/km}$
Cable cut-off wavelength	$\leq 1260\text{ nm}$	
Zero-dispersion wavelength	1300 ~ 1324 nm	
Zero-dispersion slope	$\leq 0.091\text{ ps}/(\text{nm}^2.\text{km})$	
Mode field diameter	@ 1310 nm 8.8~9.6 μm	
Core/Clad concentricity error	$\leq 0.6\mu\text{m}$	
Cladding diameter	125 \pm 1.0 μm	
Cladding non-circularity	$\leq 1.0\%$	
Primary Coating diameter	245 \pm 7 μm	
Macro-bend induced attenuation 15 mm radius, 1 turn. 20mm radius, 1 turn. 30mm radius, 10 turns	$\Delta \leq 0.05\text{dB}$ $\Delta \leq 0.1\text{dB}$ $\Delta \leq 0.03\text{ dB}$	@1550nm @1550nm @1625nm

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3. Cable Dimensions and Constructions

Items		Descriptions
Fiber	Fiber type	G652D
	Original of the Optical Fiber	Certified Japanese Optical Fiber
	Fiber count	From 02 to 12 Cores
	Color	Blue/ Orange/ Green/ Brown/ Gray/ White/ Red/ Black/ Yellow/ Purple/ Pink/ Aqua
Loose tube	Material	PBT
	Diameter	3.0mm
	Water-blocking material	Gel-filled
Water blocking	Material	Water Blocking Yarn
	Quantity	2000D*4pcs
	Test	3meters sample, 24 hours no water leakage
Strength member	Material	FRP
	Diameter	1.8mm *2
Outer jacket	Material	HDPE (Nordic chemical new)
	Color	Black
	Thickness	0.9mm ± 0.05mm
	Cable height	4.7mm ± 0.1mm
	Width	8.3mm ± 0.1mm

4. Mechanical and Environmental Characteristics

Items	Descriptions	
Tensile Strength (IEC 60794-1-2 E1)	short-term	2000N
	long-term	1200N
Crush (IEC 60794-1-2 E3)	short-term	3000N/100mm
	long-term	1000N/100mm
Temperature Range (IEC 60794-1-2 F1)	Storage/Operation	-40°C-+70°C
	Installation	-10°C-+50°C
Bending Radius	Static	10D
	Dynamic	20D

5. Packing: Wooden Drums Protection

The cables are packed in plywood drum or fumigated wooden drum.

6. Delivery Length

Standard delivery length is per customer's requirements.