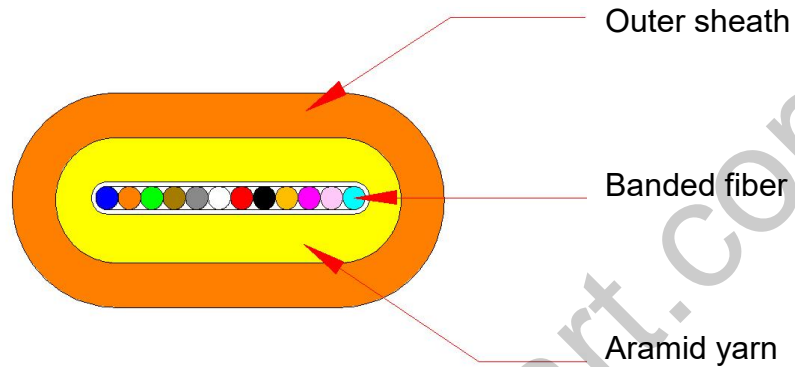


## Ribbon Indoor cable 12F OM1 GJFDBH

### 1. Cable structure:



### 2. Cable construction details :

Fiber count		12F
Fiber type		62.5/125
Strength member	Material	Aramid yarn
Outer sheath	Material	LSZH
	Color	Orange
	Size	2.4±0.1*5.0±0.2
Cable weight		9.0 kg / km
Installation Temperature range ( °C )		-10+60
Operation and transport temperature ( °C )		-20+70
Min Bending Radius(mm)	Static	20H
Min BendingRadius(mm)	Dynamic	40H
Tensile Strength(N)	Long term	100
	Short term	200
	Long term	100

Crush (N/10cm)	Short term	500
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#### 4.Fiber color

1	2	3	4	5	6
Blue	Orange	Green	Brown	Grey	White
7	8	9	10	11	12
Red	Black	Yellow	Violet	Pink	Aqua

#### 5.Fiber characteristic

Characteristics	Conditions	Specified Values	Unit
Attenuation	850nm	≤3.0	dB/KM
	1300nm	≤1.5	dB/KM
Minimum Modal Bandwidth	850nm	200	MHz.km
	1300nm	600	MHz.km
Zero dispersion wavelength		1320-1365	nm
Zero dispersion slope		≤0.097	ps/nm <sup>2</sup> .km
<b>Backscatter Characteristics (1300nm)</b>			
Step (mean of bidirectional measurement)		≤0.10	dB
Irregularities over fiber length and point discontinuity		≤0.10	dB
Attenuation uniformity		≤0.10	dB/KM
Numerical Aperture		0.275±0.015	-
Group Refractive Index	850nm	1.496	-
	1300nm	1.491	-
<b>Geometrical Characteristics</b>			
Core diameter		62.5±2.5	um
Cladding diameter		124.8.0±1.0	um
Cladding non-circularity		≤1.0	%
Coating diameter		254±7	um
Coating-cladding concentricity error		≤12.0	um
Coating non-circularity		≤6.0	%
Core-cladding concentricity error		≤1.5	um