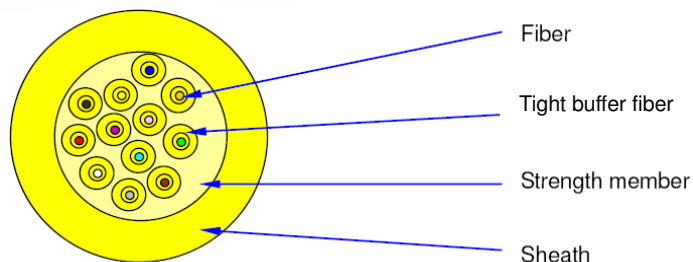


Indoor Distribution Cable

Product Features:

- Light, flexible and compact design
- Suitable for in-building wiring, building backbone
- Normal sheath or low smoke, zero halogen and fire retardant sheath
- Complies with IEC 60754, IEC 60793-1, IEC60793-2, IEC 60794, 60332-1 & 3C, IEC61034 EIA/TIA 598B, ASTM D-2863

Cable's Structure:



Optical Characteristic:

Parameter	Condition	Value
Fiber		Singlemode Fiber
Attenuation	@1310nm	$\leq 0.4\text{dB/km}$
	@1550nm	$\leq 0.3\text{dB/km}$
Zero Dispersion Wavelength		1300~1324nm
Zero Dispersion Slope		$\leq 0.090\text{ps/nm}^2.\text{km}$
Cutoff Wavelength		$\leq 1260\text{nm}$
Mode Field Diameter(MFD)	@1310nm	$9.2 \pm 0.5\mu\text{m}$
	@1550nm	$10.5 \pm 0.8\mu\text{m}$
Marcobending Loss	100turns; $\Phi 50\text{mm}$ @1550nm	$\leq 0.05\text{B}$
	100turns; $\Phi 50\text{mm}$ @1625nm	$\leq 0.10\text{dB}$
Fiber Curl Radius		$\geq 4\text{m}$
Cladding Diameter		$125 \pm 1\mu\text{m}$
Coating Diameter		$245 \pm 5\mu\text{m}$

Mechanical Characteristic:

Parameter		Value	
Fiber Count		4,6,8	12
Tight Buffer Fiber Diameter		Φ900μm	
Cable Diameter		6.8 mm	7.8 mm
Cable Weight		40 kg/km	50 kg/km
Sheath Thickness		1.1mm	
Sheath Material		LSZH / PVC	
Strength Member		Aramid Yarn	
Minimum Bending Radius	Static	10D	
	Dynamic	20D	
Tensile Strength		1000/500N	1200/600N
Crush Resistance		1000 N/10cm	
Temperature	Operation	-40℃~+70℃	
	Installation	-10℃~+60℃	

Ordering Information:

Order No.	Fiber count	Sheath materials
INOC-31001	4	LSZH
INOC-31002		PVC
INOC-31003	6	LSZH
INOC-31004		PVC
INOC-31005	8	LSZH
INOC-31006		PVC
INOC-31007	12	LSZH
INOC-31008		PVC

Special cable design or different fiber type is available upon request



*ZTT reserves the right to modify products and specifications without prior notice.