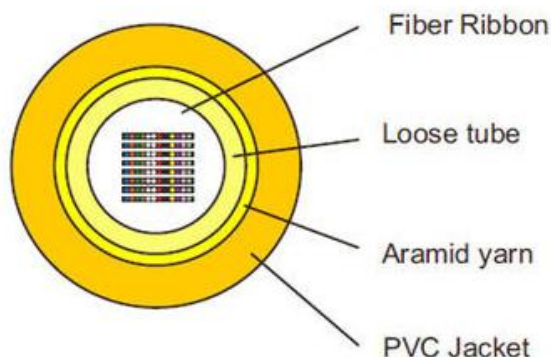


Indoor Fiber Optic Cables

Round Fiber Ribbon Cable

Cross Section:



Technical data:

Numbers of fibers	12-144F
Design(Strength Member+Tube&Filler)	Aramid Yard
Fiber type	Single mode G.657.A1/OM1/OM2/OM3
Strength Member	Aramid Yard+FRP Strength Member
Loose Tube	No
Filler Rope	No
Water Blocking Layer (Material)	No
Additional Strength Member(Material)	No
Outer Sheath	Low smoke zero halogen (LSZH)
Cable Diameter($\pm 0.2\text{mm}$)	10*13.5mm
Cable Weight($\pm 10.0\text{kg/km}$)	80-125kg
Attenuation coefficient	@ 1310nm $\leq 0.35\text{dB}$; @ 1550nm $\leq 0.2\text{dB}$
Min. bending radius Without Tension	10.0×Cable- ϕ
Min. bending radius Under Maximum Tension	20.0×Cable- ϕ

Indoor Fiber Optic Cables

Description:

indoor ribbon fiber cable use fiber ribbon(s) as optical communication medium, Fiber ribbon(s) put in LSZH loose tube, then warpped with a layer of aramid yarn as strength member units, and the cable is completed with LSZH (Low smoke, Zero halogen, Flame-retardant) jacket.

Indoor cable distribution for any purpose

Interconnect between optical fibre cable distribution equipment

Fibre Colors

No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Gray	White
No.	7	8	9	10	11	12
Color	Red	Black	Yellow	Violet	Pink	Aqua

Loose Tube Colors

No.	1	2	3	4	5	6
Color	Blue	Orange	Green	Brown	Gray	White
No.	7	8	9	10	11	12
Color	Red	Black	Yellow	Violet	Pink	Aqua

Standards

ITU-T Rec. G.652.D

IEC 60794

GR-409

IEEE1222-2004

ICEA-596

YD/T 1997-2009

ISO9001

Indoor Fiber Optic Cables

Single mode optical fiber (ITU-T Rec. G.652.D)

Item	Description
Fiber type	Single mode
Fiber material	Doped silica
Attenuation coefficient	
@ 1310 nm	≤0.35 dB/km
@ 1383 nm	≤0.32 dB/km
@ 1550 nm	≤0.21 dB/km
@ 1625 nm	≤0.24 dB/km
Point discontinuity	≤0.05 dB
Cable cut-off wavelength	≤1260 nm
Zero-dispersion wavelength	1300 ~ 1324 nm
Zero-dispersion slope	≤0.092 ps/(nm ² .km)
Chromatic dispersion	
@ 1288 ~ 1339 nm	≤3.5 ps/(nm. km)
@ 1271 ~ 1360 nm	≤5.3 ps/(nm. km)
@ 1550 nm	≤18 ps/(nm. km)
@ 1625 nm	≤22 ps/(nm. km)
PMDQ (Quadrature average*)	≤0.2 ps/km ^{1/2}
Mode field diameter @ 1310 nm	9.2±0.4 μm
Core / Clad concentricity error	≤0.5 μm
Cladding diameter	125.0 ± 0.7 μm
Cladding non-circularity	≤1.0%
Primary coating diameter	245 ± 10 μm
Proof test level	100 kpsi (=0.69 Gpa), 1%
Temperature dependence 0°C ~ +70°C	≤0.1 dB/km

Indoor Fiber Optic Cables

Order Informations:

Marking	Per customer's request
Package	Per customer's request
Delivery time	Normally 25 days after received the deposit.
Brand	OEM

Online Service:

Skype	kingtone3
Wechat	king-tone
Whatsapp	0086 18268009191
Email	michael@zion-communication.com

