



Applications:

The FTTH indoor cable is ideally installed between the OTOs (Optical Termination Outlet) in the FTTH network.

Standards

IEC 60794-1-2 F1	Temperature
IEC 60794-1-2 E1	Tensile Performance
IEC 60794-1-2 E3	Crush Resistance
IEC 60794-1-2 E4	Impact
IEC 60794-1-2 E6	Repeated Bending
IEC 60794-1-2 E7	Torsion
IEC 60794-1-2 E11	Bending

IEC 60754-1/-2	Zero Halogen,
EN 50267-1-2/-2-2	non-corrosive gases
VDE0482-267-2-1/-2-2	

IEC 60332-1-2	Flame retardant
EN 60332-1-2	
VDE0482-332-2-1	

IEC 61034-1/-2	Minimum smoke emission
EN 61034-1/-2	
(EN 50268-1/-2)	

FTTH Indoor Drop Cable is a soft, flexible and easy to strip cable with tight bending radius and very easy to handle. CPR performance class B2ca-s1a,d0,a1 with versions containing up to 4*250µm optical fibers in a single tube, jointly strain-relieved with aramid yarns. Additional protection is provided by the LSZH flame retardant cable jacket.

Optical Properties

The cable is available with the following fiber types:

Singlemode

- G657.A1
- G657.A2
- G657.B3

Temperature Properties

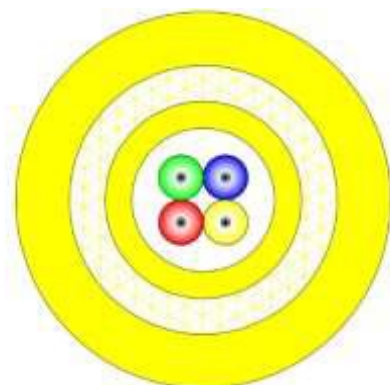
Installation	-10°C to +60 °C
Service	-20°C to +70 °C
Storage	-40°C to +85 °C

Specifications and Performance

#No. of fibers	1	2	4
Diameter [mm]		2.2	
Weight [kg/km]		4.0	
Bending radius [mm]			
- In service		20	
- Max tensile load		40	
Allowed tension [N]			
- In service		150	
- During installation		300	
Allowed crush, [N/dm]			
- Long term		1000	
- Short term		2000	

Structure

1. Up to 4*250µm fibres
2. LSZH Loose tube 1100µm
3. Aramid yarn
4. LSZH jacket



Datasheet

FTTH-IHK indoor cable



Variants

Name	No. of tubes	No. of fibers	Diameter (mm)	Weight (kg/km)	Tensile (N)	Crush (N/dm)
FTTH-IHK-1F	1	1	2.2	4.0	200	1000
FTTH-IHK-2F	1	2	2.2	4.0	200	1000
FTTH-IHK-4F	1	4	2.2	4.0	200	1000

