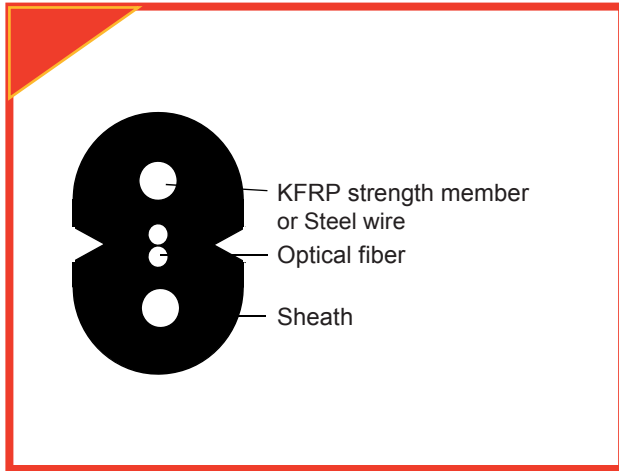


FRP Cables 1/2 Fibers



The FRP, flat drop cable for FTTH, has the optical fibers positioned in the centre. Two parallel steel wires or KFRP (Kevlar Fiber Reinforced Plastic) strength member are placed at the two sides. The cable can be build with one or more fibers.

Other performances are:

- Simple structure, light weight and high practicability;
- Novel flute design easily strip and splice, simplify the installation and maintenance;
- Two parallel FRP strength members ensure good performance of crush and tension resistance to protect the fiber;
- If G. 657 fiber be put in the cable, ensure the very good bending performance. (Bend radius 10mm/G. 657A);
- Low smoke, zero halogen and flame retardant sheath.

SPECIFICATION

Item	Technology parameter			
	IFC-FTH-SM-C-01-32-BK-K	IFC-FTH-SM-C-02-32-BK-K	IFC-FTH-SM-C-01-32-BK-S	IFC-FTH-SM-C-02-32-BK-S
Part Number	IFC-FTH-SM-C-01-32-BK-K	IFC-FTH-SM-C-02-32-BK-K	IFC-FTH-SM-C-01-32-BK-S	IFC-FTH-SM-C-02-32-BK-S
Strength member	KFRP	KFRP	Steel wire	Steel wire
Cable specification	3.0×2.0			
Fiber type	9/125 (G657A1)			
Fiber counts	1	2	1	2
Fiber color	Nature	Nature, blue	Nature	Nature, blue
Sheath color	Black			
Sheath material	LSZH			
Cable dimension mm	3.0(±0.1)*2.0(±0.1)			
Cable weight Kg/km	7.5		9.0	
Min. bending radius mm	15 (Static)		30 (Dynamic)	
Attenuation dB/km	≤ 0.4 at 1310nm, ≤ 0.3 at 1550nm			
Short term tensile N	80		200	
Crush resistance N/100mm	1000		2200	
Operation temperature °C	-20~+60			

Note: the product is accord with the instruction of EU RoHS