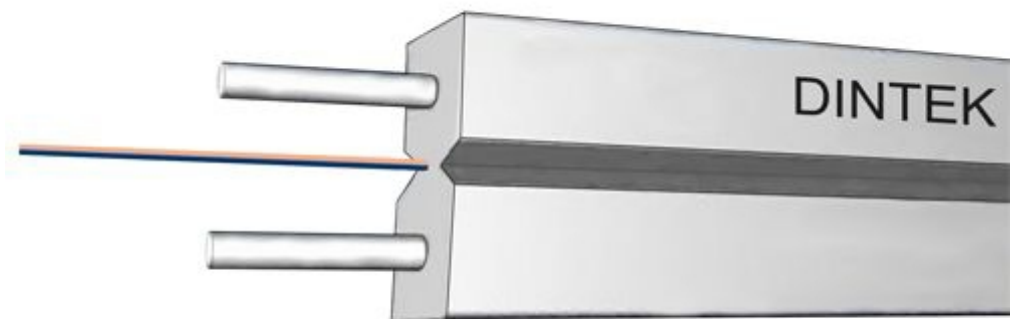


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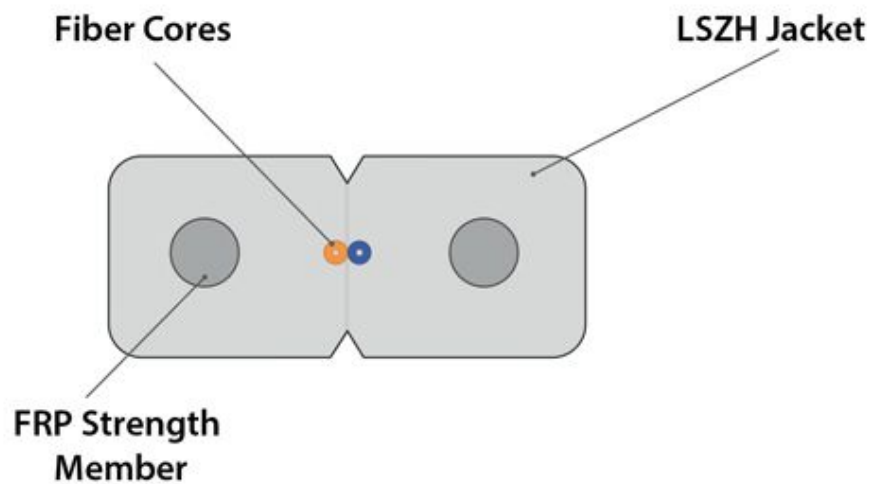
## FTTH 2 Core Indoor Flat drop cable (FRP)

DINTEK Light-LINKS™ FTTH Indoor cables are used internally in buildings or for residential applications. In the center of the cable is the optical fibers, with the two parallel non-metal enhanced FRP as the strength member, and surrounded with the LSZH jacket. Indoor FTTH cables have the same function as common indoor fiber cables, but also have some special features. FTTH indoor cables are smaller in diameter, water-resistant, soft and bendable. They are easy to deploy and maintain.



### Main Features

- Internal FTTH applications horizontal and riser
- Clipping to surfaces including skirting boards
- Single mode optical fibre meeting ITU-T G.657A1 or ITU-T G.657A2
- Individually coloured optical fibres
- Notched 2 x 4 mm construction for easy stripping
- White LSZH jacket for internal use



### Applications

- Indoor FTTH cabling application
- Used in the FTTH projects
- High speed optical routes in building
- High performance optical network operation

### Ordering Information

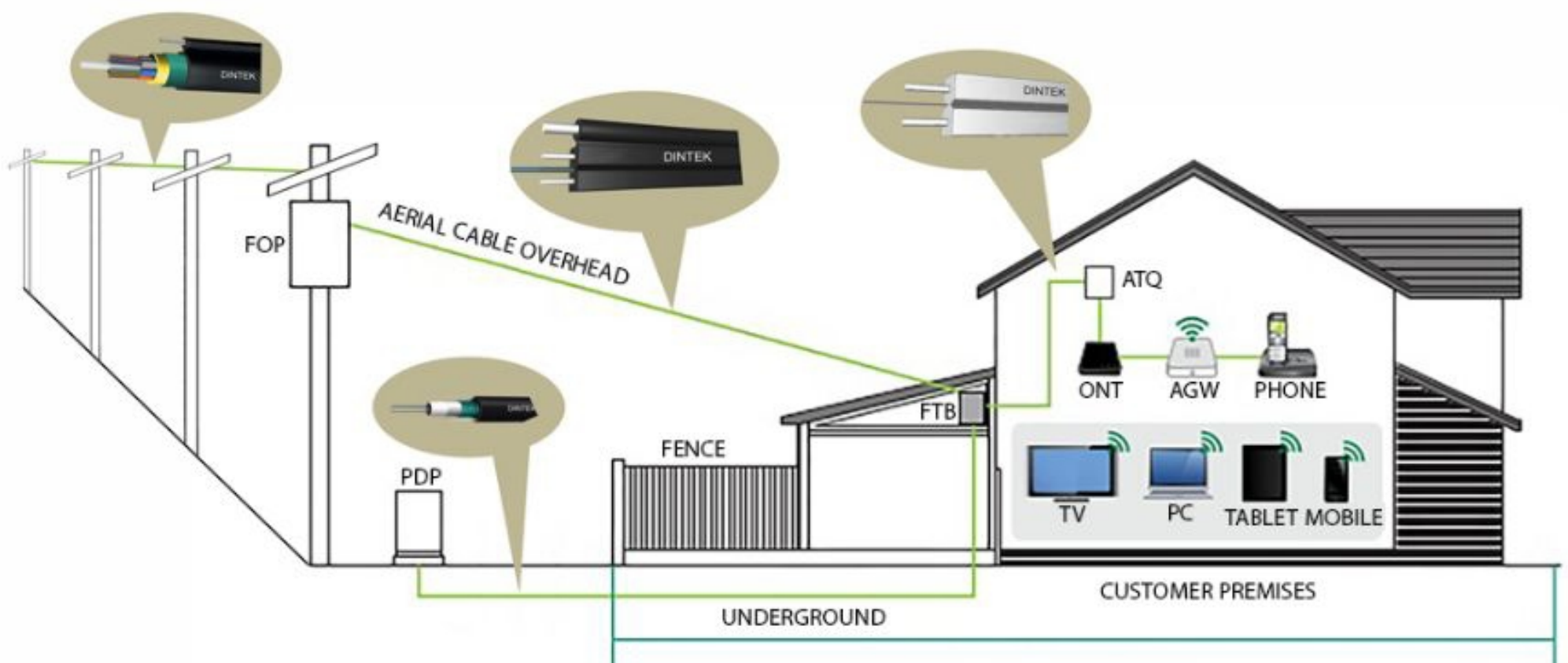
Product Number	Product Name	Std Pkg Qty	
2101-01028	FTTH 2 Core Indoor Flat drop cable (FRP) - SM G657A2	500m / Reel	
2101-01029	FTTH 4 Core Indoor Flat drop cable (FRP) - SM G657A2	500m / Reel	

## Technical Specifications

Construction		Technical Data-Mechanical	
<b>Jacket &amp; Buffers</b>		<b>Max. loading (IEC794-1)</b>	
Jacket Material	LSZH	Installation	80N (with steel wire)
Tight buffer fiber Diameter	250µm ± 50µm	Operation	40N(with steel wire)
Core Reinforcement	FRP	<b>Crush Resistance</b>	
Fiber Size	9 / 125 micron	Crush resistance(IEC794-1)	1000N/100mm
Cable Diameter	(2.0±0.2)×(3.0±0.2)	<b>Min. bend radius (IEC794-1)</b>	
<b>Buffer Diameters</b>		Minimum Bend Radius	
Primary Buffer	250µm	15mm (without steel wire)	
Cladding diameter(µm)	125±1.0	<b>Temperature Rating Operation</b>	
<b>Weight</b>		Installation	-20°C ~ +60°C
weight(kg/km)	Approx. 8kg/km	Operation	-20°C ~ +60°C

Technical Data-Transmission			
Fiber Type	G657A2		
		1310nm	/ 1550nm
Attenuation	Typical	0.36dB	/ 0.22dB
	Maximum	0.5dB	/ 0.4dB
Macro-bend induced attenuation(@1550nm)	1turn, 15mm diameter	≤0.5dB	
	1turn, 20mm diameter	≤0.1dB	
	10turn, 30mm diameter	≤0.03dB	
Zero Dispersion Slope	ps/km·nm <sup>2</sup>	≤0.092 ps/km·nm <sup>2</sup>	
Mode field Diameter	µm	8.8±0.4µm	
	nm	≤1260nm	
Cutoff wavelength cable			

## FTTx Network Cabling Used



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