

## PRE-CONNECTORIZED FTTH DROP CABLE

*SC/APC / G657A2 / 5×2 mm / 3-in-1 (Slim / OPT / FastConnect)*



### Product Overview:

Pre-connectorized FTTH drop cable designed for plug-and-play installation without fusion splicing, enabling fast and reliable last-mile fiber connectivity.

- Bend-insensitive G657A2 fiber
- SC/APC connector (RL > 60 dB)
- Flat 5×2 mm design
- 3-in-1 connector compatibility
- Optimized for FTTH broadband deployment

### Key Features:

- 3-in-1 interchangeable interface (Slim / OPT / FastConnect)
- Plug-and-play installation reduces deployment time
- Excellent bending performance for indoor routing
- Low insertion loss and high return loss

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- Durable PVC outer jacket
- Factory tested (IL/RL & end-face inspection)
- Customization available (length, labeling, packaging)

## Applications

- FTTH last-mile connection (MST/CTO to ONT)
- GPON / XGS-PON networks
- MDU (Multi-Dwelling Unit) installations
- ISP large-scale deployment
- Pre-terminated fiber projects

## Technical Specifications

Parameter	Specification
Product Type	Pre-Connectorized Drop Cable (Figure-8)
Connector Type	SC/APC (Slim / OPT / FastConnect)
Cable Type	Flat 5×2 mm / Round 3.0 & 5.0 mm
Fiber Type	G657A2 Single-mode
Insertion Loss	≤ 0.3 dB
Return Loss	≥ 60 dB
Tensile Strength	200 N
Crush Resistance	50 N
Protection Level	IP68
Operating Temperature	-40 ~ +75 °C

## Advantages

- Faster installation vs. field splicing
- Reduced labor cost
- High consistency and reliability
- Minimal installation errors
- Ideal for scalable FTTH deployment

## Conclusion

This pre-connectorized FTTH drop cable provides a high-performance, flexible, and cost-effective solution for modern fiber optic networks.

Ideal for telecom operators, ISPs, and system integrators requiring rapid deployment and standardized installation.