



NEX1 Technologies Co., Ltd

## Coil-typed Optical Fiber Patch Cord

### Product Descriptions:

With the most robust GGP (Glass/Glass/Polymer) fiber built inside this innovative coil-typed optical curl cord, the retractable feature of this stretchable optical cord enables flexible extending in length without affecting any optical characteristics. It is the ultimate optical media for installations of optical network units (ONU) under all kinds of environments.

### Features:

- Low insertion loss with extended usage life.
- Durable mechanically, guaranteed for 80,000 Stretches.
- Extensive elastic range.

### Applications:

- Fiber To The Home (FTTH) remote of optical network units ONU.
- CATV & Fast deployable Single-mode/ Multi-mode Local Area Network (LAN) & Wide Area Network (WAN).
- Fast In-pipe wiring.
- Robotic Arm Sensor Communication.

### Specifications:

	Items	Specifications
Structure	Cable OD (mm)	3
	Curl OD (mm)	20
	Curl Length (mm)	150 (50 turns)
	Total Length (mm)	450 (50 turns)
	Connector Type	SC、LC / UPC、APC
Optical	Insertion Loss (dB)	< 1dB Typical: 0.7dB
	Return Loss (dB)	UPC $\geq$ 50、APC $\geq$ 60

