

## FTTH Drop Flat Indoor / Outdoor Fiber Optic Cable

### Application

Fig 8 Flat FTTH drop cable is used in high speed and broadband telecommunication applications. It is suitable for both indoor and outdoor applications, and cable distribution for connecting main distribution frame to consolidation point in home, apartment or offices.

### Physical Specifications

Number of Fiber Cores	1-2		
Coverage Type & Material Type	Two Sides FRP Strengthen Member & messenger wire with Inculcated PE/LSZH Jacket		
Nominal Outer Diameter / Weight	2.0×3.0 - 5.3 mm / 20 kg/km		
Jacket Color	Black		
Maximum Tensile Strength (N)	600 Short Term / 300 Long Term		
Maximum Crush Strength (N/100mm)	2200 Short Term / 1000 Long Term		
Fiber Types on Order	G.652D	G.657A	G.657B
Minimum Attenuation dB / km	≤ 0.40@1310nm ≤ 0.30@1550nm	≤ 0.40@1310nm ≤ 0.30@1550nm	≤ 0.50@1310nm ≤ 0.40@1550nm
Minimum Bend Radius	Static30 Dynamic60	Static15 Dynamic30	Static10 Dynamic25

### Product Benefits

- ▶ **Special low-bend-sensitivity fiber provides high bandwidth and excellent communication transmission property**
- ▶ **Two parallel strength members ensure good performance of crush resistance to protect the fiber.**
- ▶ **Simple structure, light weight and high practicability.**
- ▶ **More bandwidth, reliability and low cost.**
- ▶ **Novel flute design, easily strip and splice, simplify the installation and maintenance.**
- ▶ **Low smoke, zero halogen and flame retardant sheath.**

### Specification

**CONTECH** Fig 8 Flat Drop-Cable is an enhanced performance FTTH solution, constructed with one/two single mode /bend sensitive fibers (ITU-T G657A/G652D), protected by two strength member and a messenger wire on the top for aerial drop applications and PE/LSZH jacket, used for FTTH/FTTH applications between the apartment's central communication room and the apartment/office point. Industry standar dconnectors can be used for direct Termination because of standard 250µm fiber size. Colored fiber is for easy identification. PE/LSZH Jacket is appropriate for indoor and outdoor use.

### Standards

TIA 568, ISO/IEC11801, EN 50173-X, ICEA-696 Compliant  
Meet or exceeds IEE 802.3 Ethernet (including 10 Gigabit Ethernet), ATM, Fibre Channel, FDDI Water-blocking IEC 60794-1-2 F5 Standards Color Coding to IEC 60304

### Order Information

Fiber Cores	Type of Cable & Items Code		Standard Length
	FTTH Drop Flat Indoor / Outdoor Fiber Optic Cable		
	Single-Mode 9/125 µm	Multi-Mode 50 /125 µm (10-G)	
2 Core	CS-FTHODSM-2	CS-FTHODMM-2	2000/4000 M/Reel

### Temperature Range

During Installation	-15°C to 70°C
During Operating	-30°C to 70°C



FTTH DROP FLAT INDOOR / OUTDOOR FIBER OPTIC CABLE

