

FTTH Drop Flat Indoor Fiber Optic Cable

Application

FTTH systems, Indoor riser level and plenum level 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 & LSZH Jacket		
Nominal Outer Diameter / Weight	2.0 x 3.0 mm / 10 kg/km		
Jacket Color	Black / White		
Maximum Tensile Strength (N)	80 Short Term / 40 Long Term		
Maximum Crush Strength (N/100mm)	1000 Short Term / 500 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

- ▶ **Fiber count: 4 to 288**
- ▶ **The tube is filled with a water-resistant jell**
- ▶ **Double sheet enhances the cable's side pressure resistance and moisture proof property.**
- ▶ **Proper design and precise excess length control offer excellent mechanical and environmental properties to cable.**
- ▶ **RoSH Compliant**

Specification

CONTECH 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 having a final LSZH jacket, used for FTTH/FTTH applications between the apartment's central communication room and the apartment/office point. This Cable is very light and easy to install and strip. Industry standard connectors can be used for direct Termination because of standard 250µm fiber size. Colored fiber is for easy identification. Low Smoke Zero Halogen Compound Jacket is appropriate for indoor use.

Standards

TIA 568, ISO/IEC11801, EN 50173-X, ICEA-696 Compliant
 Meet or exceeds IEEE 802.3 Ethernet (including 10 Gigabit Ethernet),
 ATM, Fibre Channel, FDDI Water-blocking IEC 60794-1-2 F5 Standards
 Color Coding to IEC 60304 Telcordia-Bellcore Standards
 Flame Propagation to IEC 60332-1 Standards (Applies only to Flame Retardant Jacket)
 Fire Retardant to IEC 60332-3 Standards (Applies only to Flame Retardant Jacket)

Order Information

Fiber Cores	Type of Cable & Items Code		Standard Length
	FTTH Drop Flat Indoor Fiber Optic Cable		
	Single-Mode 9/125 µm	Multi-Mode 50 /125 µm (10-G)	
2 Core	CS-FTHIDSM-2	CS-FTHIDMM-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
FIBER OPTIC CABLE

