

OmniReach® FTTX Solutions

RealFlex™ 5 Drop Cables



ADC KRONE's new RealFlex™ 5 Drop Cables are an ideal solution for the unique challenges encountered in the diversity of multiple tenant unit (MTU) and multiple dwelling unit (MDU) FTTX deployments. RealFlex™ 5 Drop Cables allow for a bend radius as small as 7.5 mm without changing attenuation characteristics of the cable and improve insertion loss (IL) performance for 90 degree bend locations. With the average MTU or MDU installation including as many as seven 90 degree turns, this new cable greatly reduces the risk to bend induced IL during installation. In addition to the improved bend radius performance, the rugged cable construction provides the flexibility and durability to withstand the most demanding applications. The rugged indoor/outdoor cables can also be stapled*, allowing for fast and easy securing of cables to most surfaces. The RealFlex 5 cable construction allows the technician to staple around tight corners without compromising insertion loss performance.

ADC KRONE's RealFlex™ 5 Drop Cables uses 5.0 mm cable with reduced bend radius fiber for optimal performance in the most constraining installation environments and full sized hardened connectors for fast service turn-up. The hardened connectors are environmentally sealed and terminated in the factory to produce the highest reliability standards. Multiple dwelling units and commercial business applications are ideal environments for this indoor/outdoor reduced bend radius hardened drop cable.

*Refers to round cable type staples applied with a handheld staple gun.

Features and Benefits:

- Bend radius as small as 7.5 mm without changing cable characteristics
- Greatly reduces risk to bend induced insertion loss created during installation
- Rugged 5.0 mm indoor/outdoor cable jacket is composed of Low Smoke Zero Halogen rated materials and incorporates water swellable yarns
- Hardened connector option fully compatible with OptiTap®¹⁾ connector system

¹⁾ OptiTap is a registered trademark of Corning Cable Systems Brands, Inc.

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RealFlex™ 5 Drop Cables



RealFlex™ 5 hardened drop knot



RealFlex™ 5 hardened drop 90 degree bend

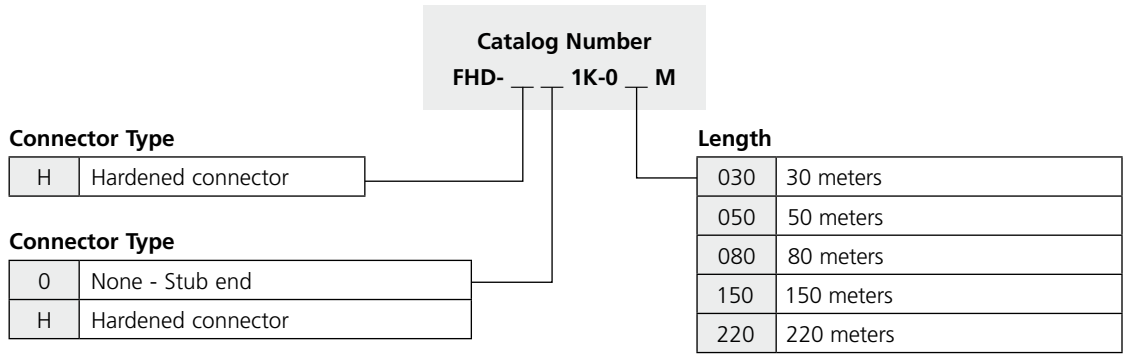
Specifications

Connector angle:	8°
Maximum insertion loss:	< 0.35 dB (at 1310, 1490, 1550 and 1625 nm wavelengths)
Minimum return loss:	65 dB (at 1310, 1490, 1550 and 1625 nm wavelengths)
Optical agency specifications:	GR-3120, ITU G.657 Table A & Table B compliant
Cable diameter:	5.0 ± 0.2mm
Minimum bend installation:	50 mm (2.0")
Minimum bend unloaded:	7.5 mm (0.3")
Cable agency specifications:	IEC 61300-2; IEC 60332-1-2; Riser Rated, Low Smoke Zero Halogen Jacket; RoHS, California Prop. 65

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Ordering Information



Accessories



RealFlex 5 Cable Clamp

ADC KRONE's RealFlex™ 5 Cable Clamp provides secure clamping of RealFlex 5 Drop Cables. Unique design enables stacking of multiple clamps.

Ordering Information

Description	Catalog Number
RealFlex™ 5 Cable Clamp	FHD-ACC-CLAMP5

TECHNICAL DATA



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