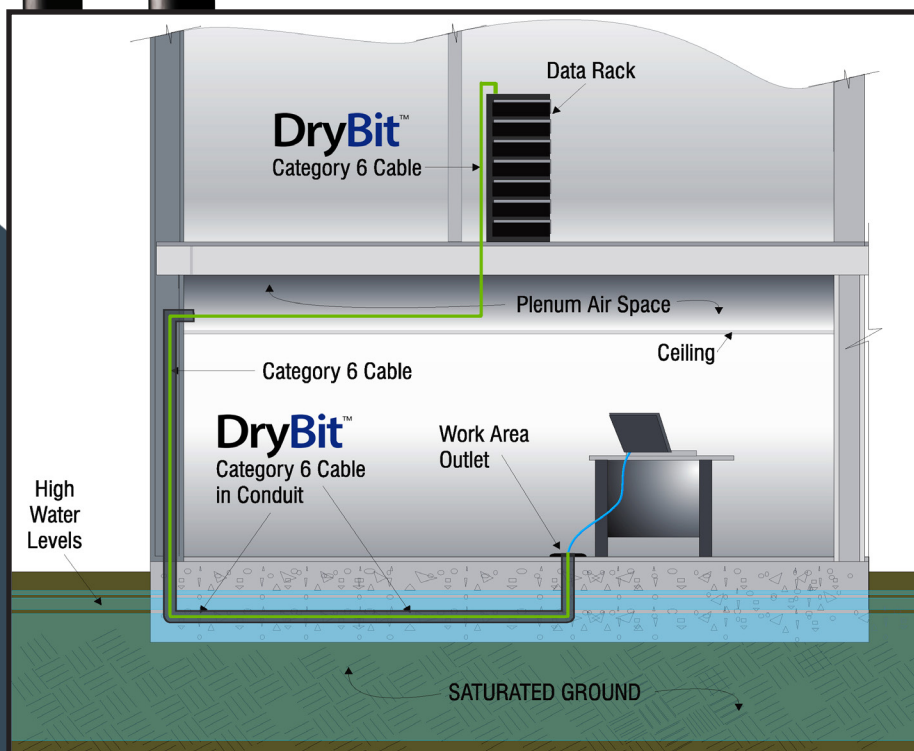


# When Mother Nature puts your network in jeopardy... Hitachi has the answer.

Introducing the first Plenum rated cable designed for wet locations.

## DryBit™

*A plenum-rated cable that's designed for wet environments.*



Conduit that originates indoors but passes through or under a concrete slab is often subject to water infiltration. National Electric Code (NEC) 2017 Edition, Article 100 and the BICSI Telecommunication Distribution Methods Manual (TDMM) define these environments as wet locations since the slab and the associated conduit are subject to saturation by water. Standard plenum or riser rated cables can't be used in these situations since water will have a catastrophic effect on both their electrical performance and physical properties. The typical solution has been to use outdoor cable in the conduit and then transition to the appropriately rated cable type once indoors.

DryBit™ Category 6 cable from Hitachi Cable America eliminates the time and cost associated with transitioning from outdoor cable to indoor-rated cable.

DryBit™ Category 6 cable is designed for use in wet environments so long term submersion in water will not impact its electrical performance or degrade its outer jacket. DryBit™ is verified by Underwriters Laboratories (UL A826376) for long term water submersion. DryBit™ cable also carries a plenum (CMP) rating. This CMP rating makes DryBit™ cable one of the most versatile cables available by simplifying installation and eliminating the costs associated with transition points. And, since DryBit™ is verified for electrical performance by UL, it's guaranteed to support all applications intended for Category 6 cable.

## HITACHI

Inspire the Next

 Hitachi Cable America Inc.

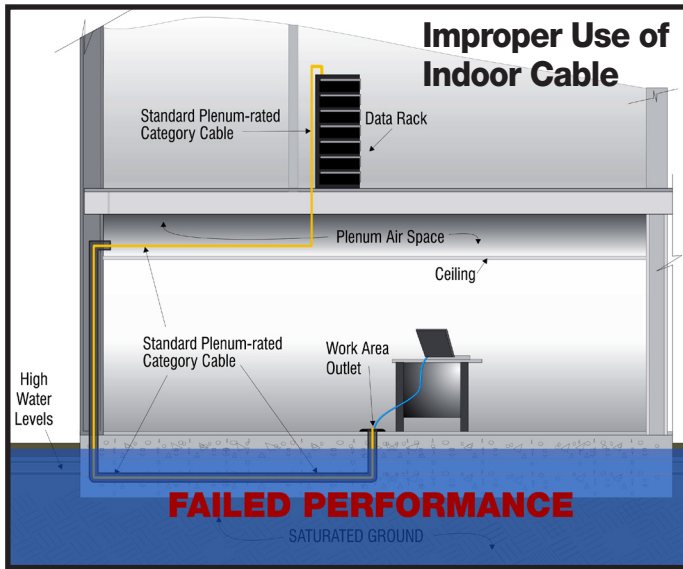
[www.hca.hitachi-cable.com](http://www.hca.hitachi-cable.com)



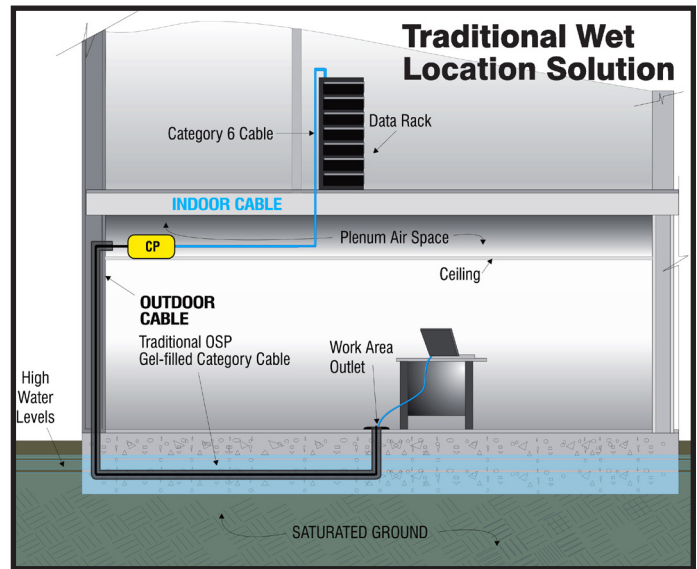
Made in USA

**Drybit™ is the cable solution for conquering wet places and plenum spaces.**

**HITACHI**  
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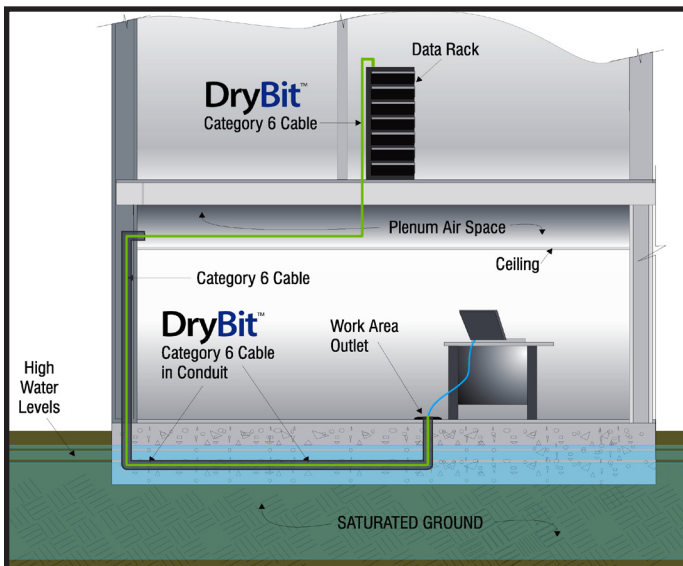
Standard indoor rated cables should not be used in conduits that are below grade or in the slab. These are considered wet locations. Indoor rated cables are not resistant to water penetration. Water in or adjacent to these cables will negatively impact electrical performance and prevent proper data transmissions.



Outdoor (non-rated) cables are often used for below grade and in-the-slab applications. In these instances, the outdoor cable must transition to the appropriately rated indoor cable, such as plenum or riser, upon entering the building interior. This method of using two types of cable requires additional materials and labor as well as space for the consolidation point.

**Drybit™**

30315-8 (UTP), 30277-8 (F/UTP)



**Made in U.S.A. at Manchester, NH facility.**

### Designed for wet places and plenum spaces

- Dual-layer jacket construction permits long-term emersion in wet environments such as in below grade conduit.
- UL CMP rating permits installation in plenum spaces.
- Unique Drybit Barrier™ ensures maximum electrical performance.
- Available in both UTP (unshielded) and F/UTP (shielded) designs.
- Dry construction (no gel) is contractor friendly.\*

### Supports high-power PoE applications

- Exceeds limited power requirements of PoE standards IEEE 802.3af, IEEE 802.3at & IEEE 802.3bt.
- 23 AWG Cable design permits up to 100 watts of power
- Ampacity of .5 amps per conductor.
- Ideal for PoE applications such as wireless access points, cameras, access control, lighting, etc.

### UL Verified for performance

- UL Verified to ANSI/TIA 568-C.2 (Category 6) standard.
- Supports IEEE 802.3ab 1000 Base-T Gigabit Ethernet.
- Component tested to 555 Mhz.
- UL Verified for long term water submersion (UL A826376)

### More Cost Effective than other options

- Simplifies network design
- Saves time, labor & materials
- Eliminates transition & potential points of failure

\*Note: The dry construction of Drybit™ provides craft-friendly termination. During installation, take precautions to ensure any water present in pathways does not enter the open end of the cable. Water infiltration via the open end of the cable will negatively impact electrical performance and void any applicable product warranty.