

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

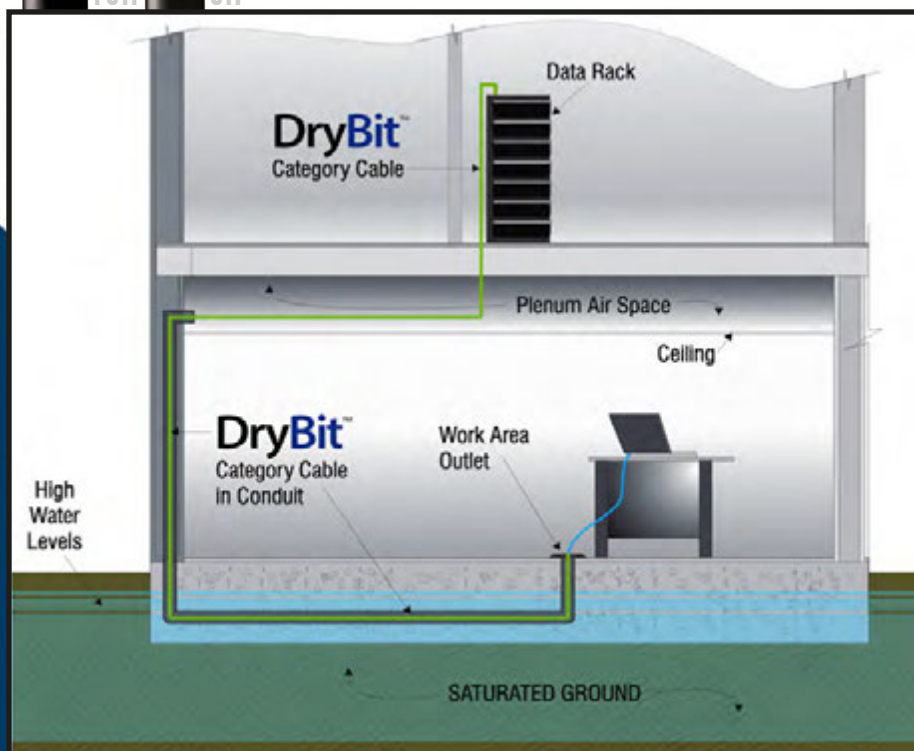
## Actually, now it has two answers...

### Drybit™ Category 6 and 6A cable.

Introducing  
**DryBit™**  
Category Cables

*Plenum-rated cables designed for wet environments.*

Conduit that originates indoors but passes through or under a concrete slab is often subject to water infiltration. Standard indoor 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 and 6A cable from Hitachi Cable America eliminate the time and cost associated with transitioning from outdoor cable to indoor-rated cable. DryBit™ cables are designed for use in wet environments so long term submersion in water will not impact their electrical performance or degrade their outer jackets. DryBit™ cables are verified by Underwriters Laboratories (UL B627696) for long term water submersion and carry a plenum (CMP) rating. This CMP rating makes DryBit™ cables some of the most versatile cables available. And, since DryBit™ cables are verified for electrical performance by UL, they're guaranteed to support all appropriate applications.



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Inspire the Next

 Hitachi Cable America Inc.

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

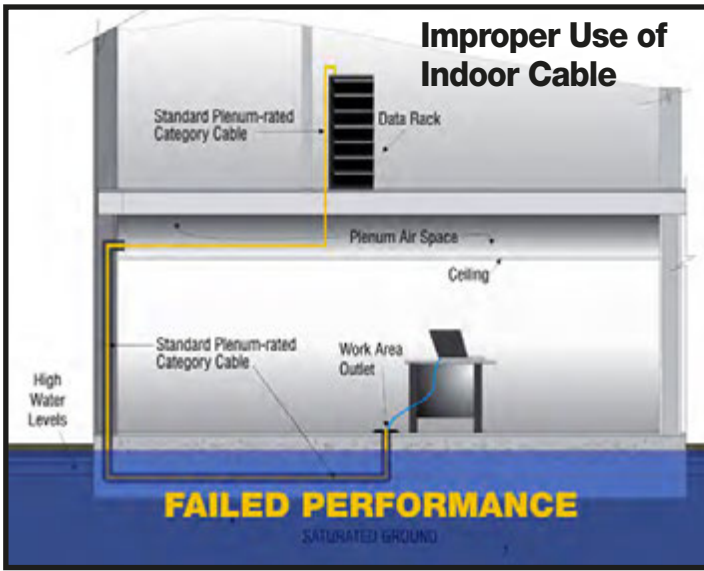


Made in USA

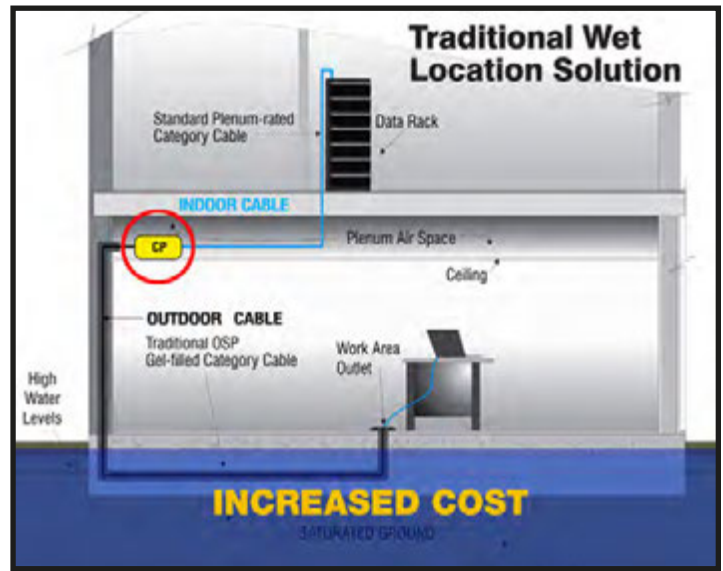
There used to be two ways to deal with wet places and plenum spaces.

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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.



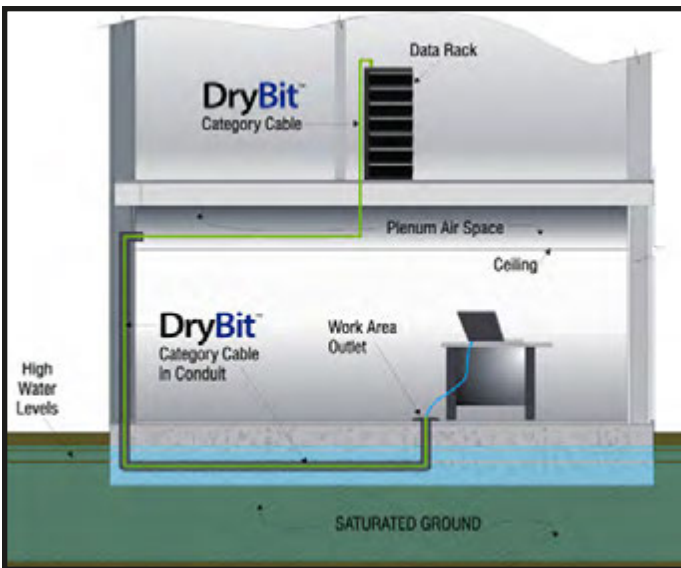
Outdoor (non-rated) cables are often used for below grade and in-the-slab applications. In these instances, the outdoor cable must transition to the appropriately rated indoor cable, such as plenum or riser, upon entering the building interior. This method of using two types of cable requires additional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

## Now, Drybit™ from Hitachi Cable America is the cable solution for conquering wet places and plenum spaces.

Part Numbers:

Category 6: 30315-8 (UTP), 30277-8 (F/UTP)

Category 6A: 30323-8 (UTP), 30322-8 (F/UTP)



### Designed for wet places and plenum spaces

- 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, 802.3bt and supports up to 100 watts of power.
- 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 & 6A) standard.
- Supports IEEE 802.3ab 1000 Base-T Gigabit Ethernet and 802.3an 10G Base-T Gigabit Ethernet (Category 6A)
- UL Verified for long term water submersion (UL B627696).

### More Cost Effective than other options

- Simplifies network design and saves time, labor & materials.
- Eliminates consolidation point & 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.

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

 Hitachi Cable America Inc.

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