

Going the Extra Distance with Confidence:

Introducing Panduit's Extended Reach Cables

1 What is Panduit's Extended Reach Cable?



Category 6 Copper Cable with 22AWG conductors



Supports **1 Gigabit (1G) speeds** up to **150 meters**



Rigorously tested using Standards-Based (IEEE 802.3ab) approach



Supported by Fluke and other cable testers

150 meters
100 meters

Not **EVERY** device plays by the **100 meter rule...**

Panduit Extended Reach Cables can support **1G speeds up to 150 meters!**

10Mbps + PoE Type 4

Max Distance

240m

1Gbps & 100 Mbps + PoE Type 4

150m

2 How Can an Extended Reach Cable Benefit You?

OpEx

Less equipment to power and cool and less resistance in conductors means

LOWER

energy use and utility costs.



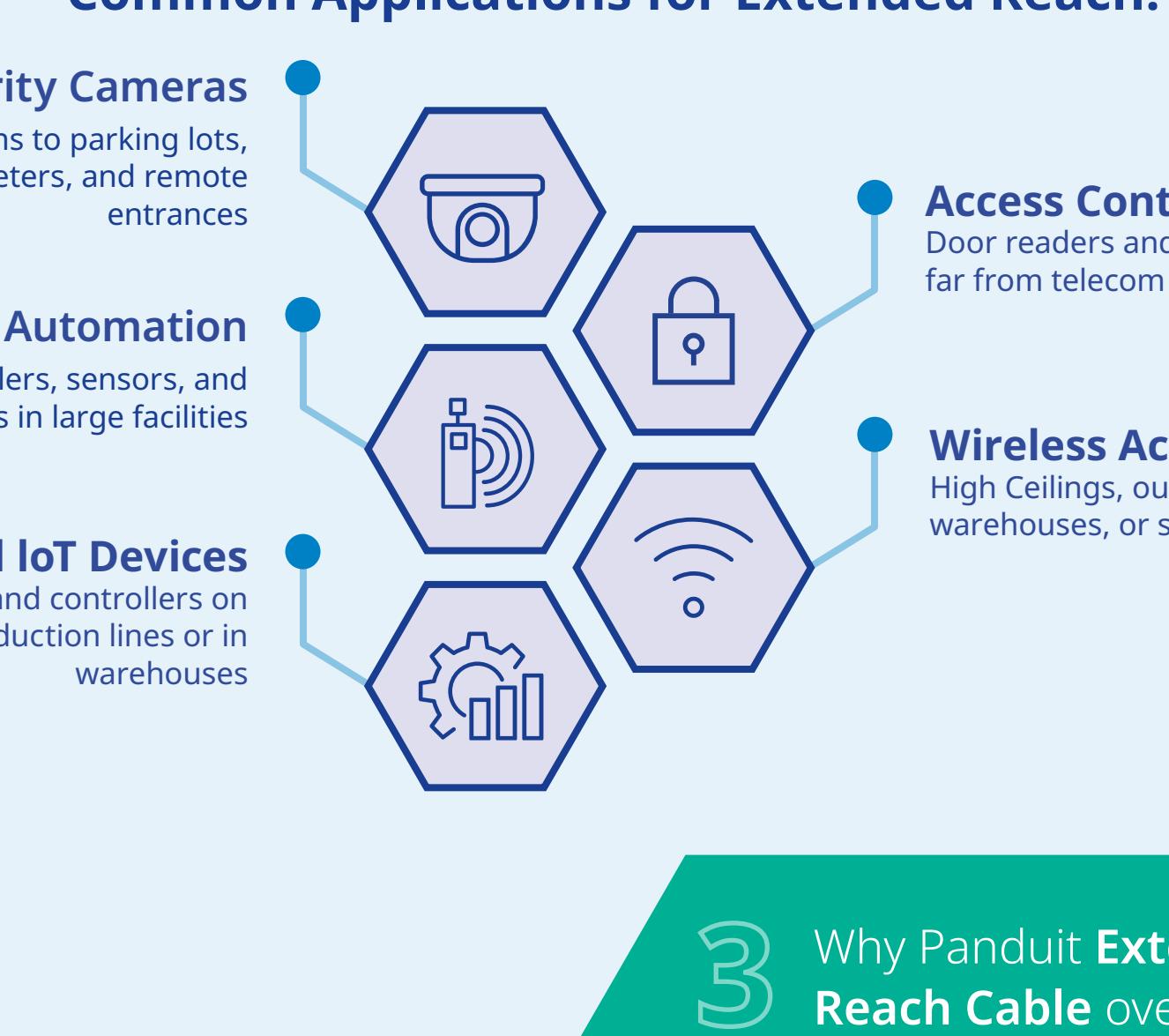
CapEx

Fewer IDFs, racks, switches, and extenders.

REDUCED

upfront equipment and labor cost.

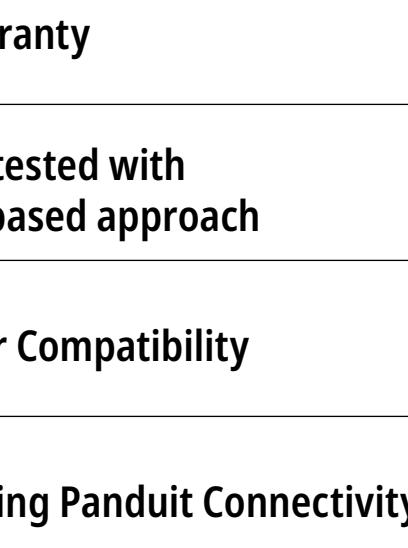
Power Loss in Cabling Channel per Cable



Common Applications for Extended Reach:

Security Cameras

Long runs to parking lots, perimeters, and remote entrances



Access Control

Door readers and gate controllers far from telecom rooms

Building Automation

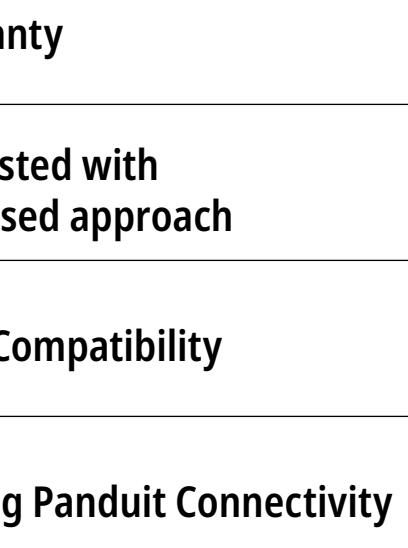
HVAC controllers, sensors, and meters in large facilities

Wireless Access Points

High Ceilings, outdoors, warehouses, or stadiums

Industrial IoT Devices

PLCs and controllers on production lines or in warehouses



3

Why Panduit Extended Reach Cable over others?

Task	Panduit Extended Reach Cable
25 year warranty	✓
Rigorously tested with standards-based approach	✓
Cable Tester Compatibility	✓
Utilize existing Panduit Connectivity	✓
Guaranteed to work no matter what equipment you are using	✓

For more info visit panduit.com/extended-reach-cabling

With Panduit, guaranteeing 150 meter connections at 1G speeds, **you can rest EASILY knowing that your equipment will work!**