

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

10Mbps + PoE Type 4

1Gbps & 100 Mbps + PoE Type 4

Max Distance @ 20°C (Point-to-Point)

240m

150m

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

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

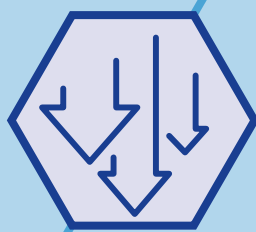
2 How Can an **Extended
Reach Cable** Benefit You?

OpEx

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

LOWER

energy use and utility costs.



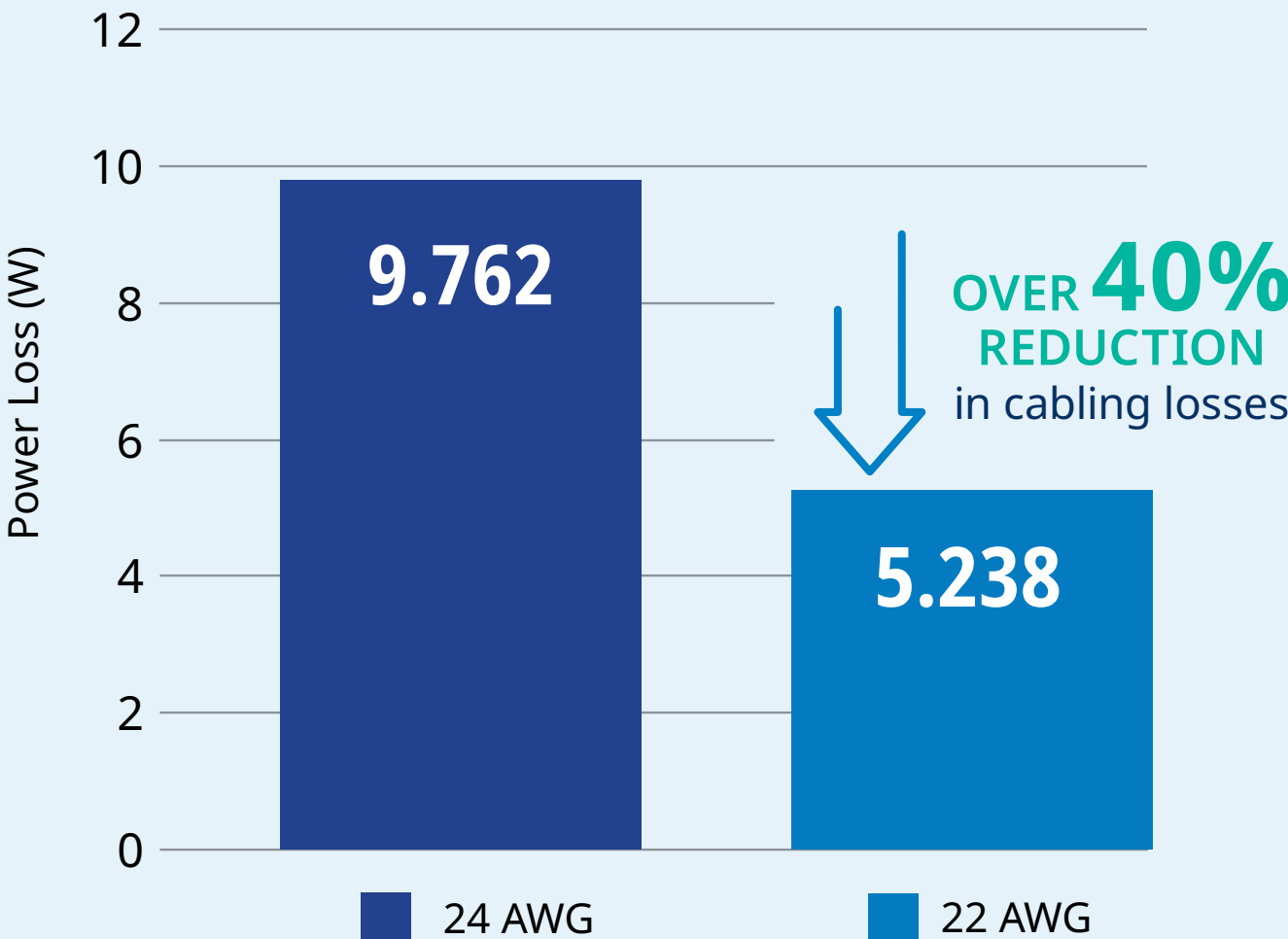
CapEx

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

Building Automation

HVAC controllers, sensors, and
meters in large facilities

Industrial IoT Devices

PLCs and controllers on
production lines or in
warehouses

Access Control

Door readers and gate controllers
far from telecom rooms

Wireless Access Points

High Ceilings, outdoors,
warehouses, or stadiums

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	✓

Marketing vs. Performance!

Unlike some competitors who claim longer distances, Panduit has proven that they don't work in some common configurations.

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