PanZone® Category 6A UTP Cable Assemblies

PANDUIT®
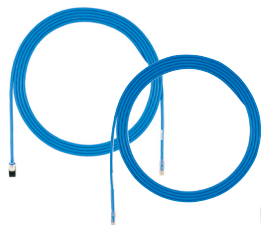SPECIFICATION SHEET

SPECIFICATIONS

Zone cable assemblies shall be constructed of Category 6A, 23 AWG, solid, UTP, twisted pair cable and available in plug-to-plug or jack-to-plug termination configurations. All cable assemblies shall be available in plenum, riser or LSZH (Low Smoke Zero Halogen) flammability ratings and shall be wired according to T568B guidelines. A variety of length shall be available for design flexibility.

PanZone Category 6A UTP Cable Plug-to-Plug Assemblies	
Plenum:	UZPPBU*

PanZone Category 6A UTP Cable Jack-to-Plug Assemblies	
Plenum:	UZJPBU*^

*For lengths contact your Panduit representative.
^For colors contact your Panduit representative

TECHNICAL INFORMATION

Category 6A/Class E_A channel and permanent link performance:	Exceeds all ANSI/TIA-568.C.2 Category 6A and ISO 11801 Class E_A channel and permanent link standards requirements
FCC and ANSI compliance:	Meets ANSI/TIA-1096-A requirements; contacts plated with 50 micro inches of gold for superior performance
IEC compliance:	Meets IEC 60603-7; IEC 60754-1
PoE compliance:	Meets IEEE 802.3af and IEEE 802.3at for PoE applications
c(UL)us compliance	UL 1863, CSA Standard C22.2
RoHS compliance:	Compliant
Cable diameter:	0.3 in. (7.6mm) nominal
Operating temperature:	14°F-167°F (-10°C-75°C)
Installation temperature:	-40°F-158°F (-40°C-70°C)
Flammability rating:	Plenum, Riser, or LSZH

KEY FEATURES AND BENEFITS

100% Performance tested:	Confidence that each cable assembly delivers Category 6A permanent link performance
Patented tangle-free latch:	Prevents snags and provides easy release, saving time on frequent moves, adds, and changes
Robust construction:	Plug contact plated with 50 microinches of gold and rated to 2500 mating cycles
Flexible stranded cable:	U/UTP stranded 28 AWG copper cable with a nominal diameter of 0.149 in. (3.8mm) allows for high density installations and superior panel cable management
Color bands (optional):	Snap onto cable, allowing additional color coding options
RJ45 plug lock-in device (optional):	Secures plug into jack to prevent unauthorized removal of patch cord

APPLICATIONS

Zone cabling products are designed to provide an efficient and cost effective way to design and deploy cabling systems in data centers and open office architecture environments. Each zone cabling product serves as a main distribution point for a particular zone, increasing network flexibility, manageability, accessibility and efficiency. Utilizing a distributed network and a zone cabling topology for physical infrastructure can reduce telecommunication congestion. Zone cabling products accommodate multimedia solutions and can be used in floor, ceiling and all mount applications, which provide a complete end-to-end network solution. Zone cabling topology provides a scalable physical network infrastructure that meets the needs of today as well as the flexibility to deploy technology of tomorrow.

PANDUIT
RAPID ID
enabled

PanZone® Category 6A UTP Cable Assemblies are pre-labeled with the *Rapid*ID™ Network Mapping System to enable faster tracing, placing, and network documentation.
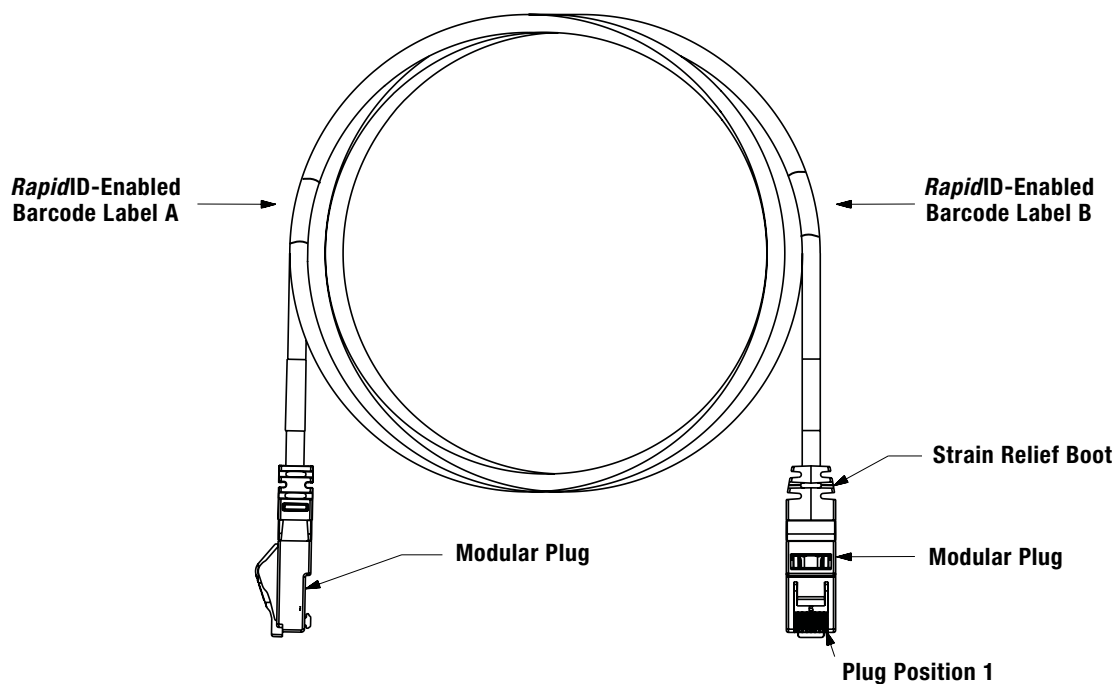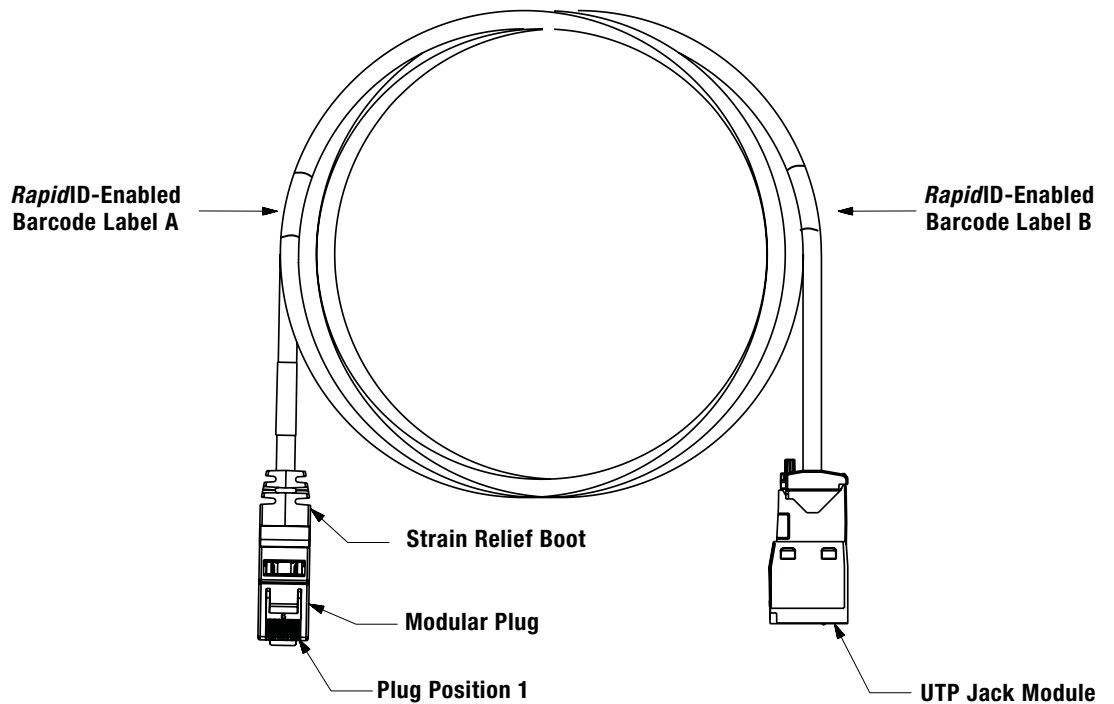
Learn more: **www.panduit.com/rapid-id**

TAA Compliant

All Part Numbers Compliant with the U.S. Trade Agreements Act (TAA) for purchases shipped to the United States.

ENGINEERING DRAWINGS

*Rapid*ID-Enabled
Barcode Label A

*Rapid*ID-Enabled
Barcode Label B

Strain Relief Boot

Modular Plug

Plug Position 1

UTP Jack Module

*Rapid*ID-Enabled
Barcode Label A

*Rapid*ID-Enabled
Barcode Label B

Strain Relief Boot

Modular Plug

Modular Plug

Plug Position 1

For a copy of Panduit product warranties, log on to www.panduit.com/warranty

For more information
Visit us at www.panduit.com
Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300