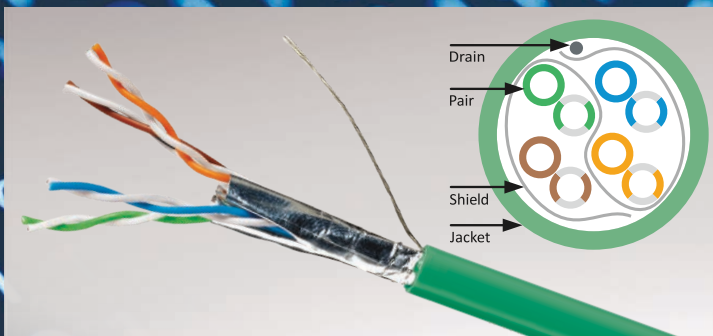




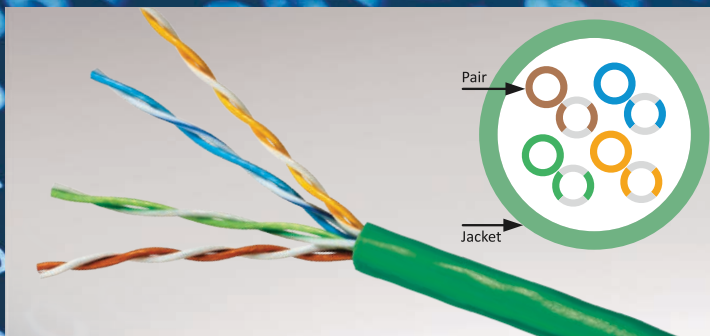
DataMax[®] LSZH Dual Rated (CM-LS) Mini Patch 28 AWG

DataMax[®] Mini 28 AWG patch cables are available with a Low Smoke Zero Halogen Dual Rating. Available in a Cat 6 UTP and Cat 6a F/UTP, these cables feature a reduced diameter profile, a CM-LS rating, and meet TIA-568.2-D, making them ideal for patching and top of rack applications. These smaller, more flexible designs improve cable density and provide less cross sectional area — which promotes increased air flow to maximize rack ventilation.

Make Quabbin your worry-free choice. We proudly manufacture thoroughly tested, USA-made ethernet cables that meet or exceed standards at all data rates — *and* maintain their performance over time.



DataMax[®] LSZH Dual Rated (CM-LS) Mini Patch 28 AWG
Cat 6a F/UTP



DataMax[®] LSZH Dual Rated (CM-LS) Mini Patch 28 AWG
Cat 6 UTP

DESIGN FEATURES

- » 28 AWG Stranded Tinned Copper
- » Twisted Pair Construction
- » LSZH Polyolefin Jacket
- » Slim Design
- » Increased Flexibility
- » Tight Bend Radius
- » Improved Cable Density
- » Promotes Maximum Air Flow
- » RoHS Compliant

APPLICATIONS

- » Top of Rack
- » Patching Solutions
- » High Density Installations
- » Secure Networks
- » Smoke Toxicity-Sensitive Spaces

BENEFITS

- » Environmentally Friendly
- » Lower Toxicity When Burned
- » Safe Alternative to PVC
- » Preferred in Many Countries
- » USA Made

LISTINGS/RATINGS

- » NEC (UL) Type CM-LS
- » CEC C(UL) Type CM-LS



DUNS: 079243143 FSC: 6145, 5995, 6150
CAGE: 62999 NAICS: 335929, 423610, 334419

DataMax® LSZH Dual Rated (CM-LS) Mini Patch 28 AWG

Cat 6a F/UTP

Conductor: 28 AWG 7/36 stranded tinned copper, .015" nom. dia.
Insulation: High density polyethylene, .008" nom. wall thickness, .031" min .0322" max nom. dia.
Pairs: Color coded singles twisted into pairs, .064" nom. dia.
Cable: (4) twisted pairs twisted together to form a cable core
Shield: An aluminum/polyester/aluminum shield over the cable core with a 28 AWG stranded tinned copper drain wire in contact with the outer surface, .146" nom. dia.
Jacket: Low smoke zero halogen, .023" nom. wall thickness, .190" nom. dia.
Overall cable diameter: .195" max
Temperature Rating, Max.: 75°C
Temperature Rating, Min.: -20°C
Wt./M', Nom., Net.: 16.8 lbs.
Application: Cat 6a supports 10Base-T to 10GBase-T

PART

2270 Black
2271 Red
2272 Orange
2273 Yellow
2274 Green
2275 Blue
2276 Violet
2277 Gray
2278 White

Cat 6 UTP

Conductor: 28 AWG 7/36 stranded tinned copper, .015" nom. dia.
Insulation: High density polyethylene, .005" nom. wall thickness, .0245" nom. dia.
Pairs: Color coded singles twisted into pairs, .049" nom. dia.
Cable: (4) twisted pairs twisted together to form a cable core
Jacket: Low smoke zero halogen, .020" nom. wall thickness, .150" nom. dia.
Overall cable diameter: .155" max
Temperature Rating, Max.: 75°C
Temperature Rating, Min.: -20°C
Wt./M', Nom., Net.: 10.8 lbs.
Application: Cat 6 supports 10Base-T to 5GBase-T

PART

2260 Black
2261 Red
2262 Orange
2263 Yellow
2264 Green
2265 Blue
2266 Violet
2267 Gray
2268 White
2269 Pink

Mini 6a Plug-to-plug Electrical and Transmission Parameters

TIA EXAMPLE

90 Meter Horizontal + 10 Meter Patch = 100 Meter Channel



28 AWG CAT 6a PATCH EXAMPLES

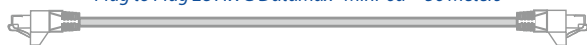
90 Meter Horizontal + 7.8 Meter Patch = 97.8 Meter Channel



86 Meter Horizontal + 2 Meter Patch = 88 Meter Channel



Plug to Plug 28 AWG DataMax® Mini-6a = 56 Meters



Mini 6 Plug-to-plug Electrical and Transmission Parameters

TIA EXAMPLE

90 Meter Horizontal + 10 Meter Patch = 100 Meter Channel



28 AWG CAT 6 PATCH EXAMPLES

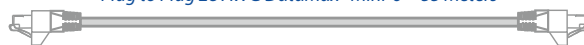
90 Meter Horizontal + 6 Meter Patch = 96 Meter Channel



83 Meter Horizontal + 10 Meter Patch = 93 Meter Channel



Plug to Plug 28 AWG DataMax® Mini-6 = 55 Meters



Specify success with Quabbin DataMax® stranded patch cable

Select patch cable

- » Speak with a Cable Design Specialist
- » Speak with your Quabbin Regional Sales Manager
- » Consult with our engineering staff
- » Use our Cable Finder tool at www.quabbin.com/cable-finder

Purchase bulk patch cable

- » Visit our web site to find your local Sales Representative
- » Contact us to speak with your QWC Sales Representative

Purchase finished assemblies

- » Referral to a qualified assembly house that stocks our products
- » Our partners are able to maintain the high data rates of our cables in the finished patch cord assemblies

(800) 368-3311 sales@quabbin.com
www.quabbin.com/commercial-data-cable



Quabbin Wire and Cable Co., Inc., 10 Maple Street, Ware, MA 01082
(800) 368-3311 • sales@quabbin.com
(413) 967-6281 • fax (413) 967-7564 • www.quabbin.com