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**

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, .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

**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
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

**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

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www.quabbin.com/commercial-data-cable

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