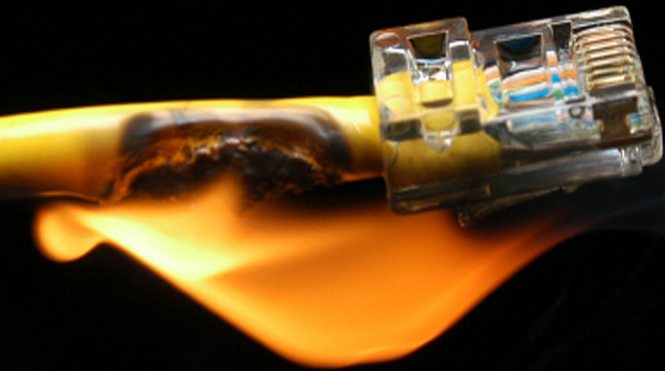


DataMax[®] LSZH Dual Rated (CM-LS) Mini Patch 28 AWG



DataMax[®] Mini 28 AWG patch cables are now 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 and a CM-LS rating, making them ideal for patching and top of rack applications. These smaller, more flexible designs improve cable density and provides less cross sectional area promoting increased air flow to maximize rack ventilation. TIA compliant per 568.2-D standard published September 2018, refer to charts below for plug-to-plug electrical and transmission parameters.

DataMax[®] Mini-6a Patch At-A-Glance

TIA EXAMPLE

90 Meter Horizontal + 10 Meter Patch = 100 Meter Channel



28 AWG 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 28AWG DataMax[®] Mini-6a = 56 Meters



Note: Category 6a cables according to TIA-568-C.2 are 22 to 26 AWG. DataMax[®] Mini-6a F/UTP Patch 28 AWG will meet Category 6a parameters at a maximum length of 56 meters.

Examples based on 23 AWG Horizontal cable being used in each channel.
TIA example utilizes 26 AWG patch cable.

DataMax[®] Mini-6 Patch At-A-Glance

TIA EXAMPLE

90 Meter Horizontal + 10 Meter Patch = 100 Meter Channel



28 AWG PATCH EXAMPLES

90 Meter Horizontal + 6 Meter Patch = 96 Meter Channel



83 Meter Horizontal + 10 Meter Patch = 93 Meter Channel



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



Note: Category 6 cables according to TIA-568-C.2 are 22 to 26 AWG. DataMax[®] Mini-6 UTP Patch 28 AWG will meet Category 6 parameters at a maximum length of 55 meters.

Examples based on 24 AWG Horizontal cable being used in each channel.
TIA example utilizes 24 AWG patch cable.

DESIGN FEATURES

- 28 AWG Stranded Tinned Copper
- Twisted Pair Construction
- LSZH 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
- Temperature Sensitive Spaces
- Secure Networks

BENEFITS

- Environmentally Friendly
- Lower Toxicity (when burned)
- Safe Alternative to PVC
- Preferred in many countries

LISTINGS/RATINGS

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

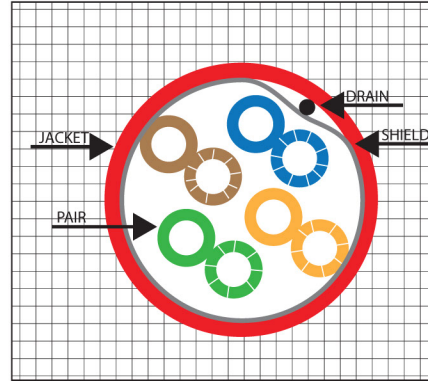
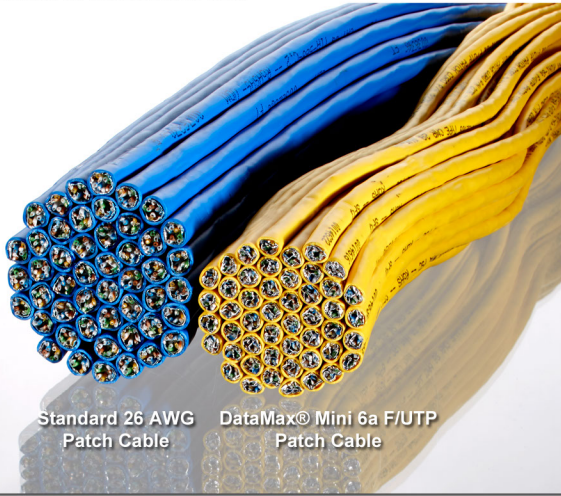
DataMax® LSZH Dual Rated (CM-LS) Mini Patch 28 AWG

CONDUCTOR: 28 AWG 7/36 STRANDED TINNED COPPER
 INSULATION: HIGH DENSITY POLYETHYLENE, .008" NOM. WALL THICKNESS
 PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS
 CABLE: (4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE
 SHIELD: AN ALUMINUM POLYESTER FOIL SHIELD (100% COVERAGE) SHALL BE APPLIED
 OVER THE CABLE CORE AND SHALL INCLUDE A 28 AWG STRANDED TINNED
 COPPER DRAIN WIRE IN CONTACT WITH THE OUTER SURFACE.
 JACKET: LOW SMOKE ZERO HALOGEN, .023" NOM. WALL THICKNESS:
 OVERALL CABLE DIAMETER:

NOM. DIA.
 .015"
 .031" MIN .0322" MAX
 .064"
 .146"
 .190" NOM
 .195" MAX

TEMPERATURE RATING, MAX. 75°C
 TEMPERATURE RATING, MIN. -20°C
 WT./M', NOM., NET. 16.8 LBS

QUABBIN COLORS & PART NUMBERS:



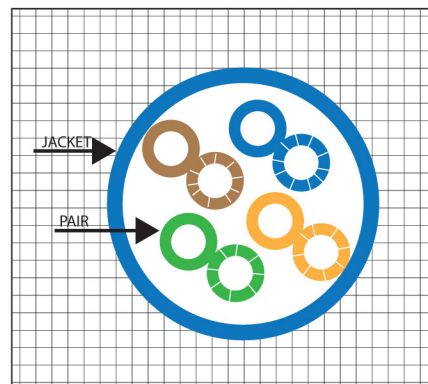
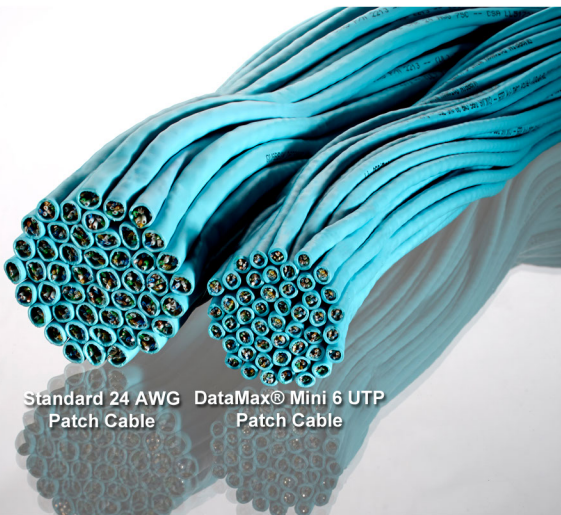
- 2270 BLACK
- 2271 RED
- 2272 ORANGE
- 2273 YELLOW
- 2274 GREEN
- 2275 BLUE
- 2276 VIOLET
- 2277 GRAY
- 2278 WHITE

CONDUCTOR: 28 AWG 7/36 STRANDED TINNED COPPER
 INSULATION: HIGH DENSITY POLYETHYLENE, .005" NOM. WALL THICKNESS
 PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS
 CABLE: (4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE
 JACKET: LOW SMOKE ZERO HALOGEN, .020" NOM. WALL THICKNESS:
 OVERALL CABLE DIAMETER:

NOM. DIA.
 .015"
 .0245"
 .049"
 .146"
 .150" NOM
 .155" MAX

TEMPERATURE RATING, MAX. 75°C
 TEMPERATURE RATING, MIN. -20°C
 WT./M', NOM., NET. 10.2 LBS

QUABBIN COLORS & PART NUMBERS:



- 2260 BLACK
- 2261 RED
- 2262 ORANGE
- 2263 YELLOW
- 2264 GREEN
- 2265 BLUE
- 2266 VIOLET
- 2267 GRAY
- 2268 WHITE
- 2269 PINK