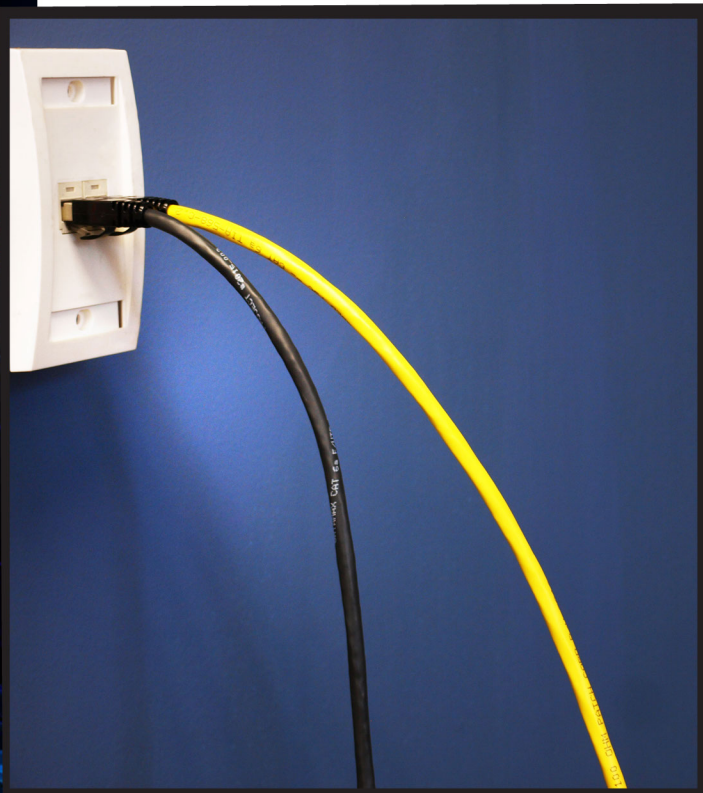
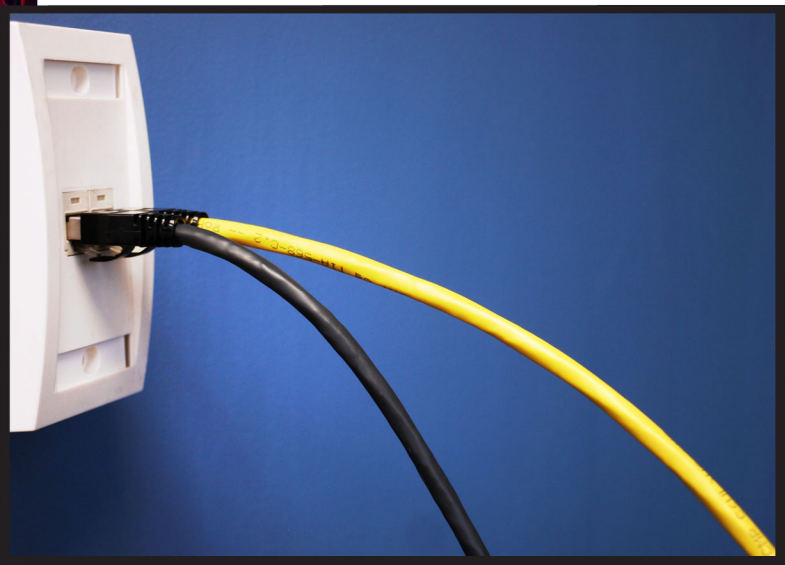


DataMax® Relaxed 26 AWG F/UTP Patch

Superior DataMax® performance is now available in a **NEW** 26 AWG relaxed design. DataMax® Relaxed is patch cable the way it should be, featuring a more pliable construction using a patent-pending shield engineered specifically for patching applications in Category 6 and 6a systems. Absence of a separator and polyester tape make this cable smaller, easier to terminate, and more flexible. Fully compliant, DataMax® Relaxed meets the TIA-568-C.2 requirements and provides performance of a shielded cable with the size and workability of a UTP cable.



DESIGN FEATURES

- 26 AWG Stranded Tinned Copper
- Twisted Pair Construction
- Patent Pending Spline-Free Design
- No Separator
- No Polyester Tape
- Polyvinylchloride (PVC) Jacket
- Slim Design compared to standard 26 AWG Cat 6a
 - Size of UTP cable
- 7% Reduction in Weight (per 1000')
- Increased Flexibility & Tractability
- Tight Bend Radius
- Improved Cable Density
- Meets Cat 6a per TIA-568-C.2

APPLICATIONS

- Top of Rack
- Patching Solutions
- High Density Installations
- Secure Networks

LISTINGS/RATINGS

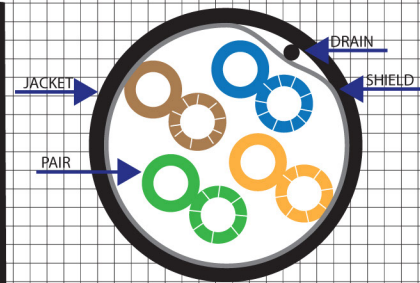
- NEC (UL) Type CMR/CMG
- CEC C(UL) Type CMR/CMG

Side by side comparisons of standard 26 AWG F/UTP (yellow) and DataMax® Relaxed 26 AWG F/UTP (black). Image illustrates the added flexibility and pliability achieved by using the relaxed DataMax®.

DataMax® Relaxed 26 AWG F/UTP Patch

CONSTRUCTION

CONDUCTOR:	26 AWG 7/34 STRANDED TINNED COPPER	NOM. DIA.	.019"
INSULATION:	HIGH DENSITY POLYETHYLENE, .011" NOM. WALL THICKNESS		.0405"
PAIRS:	COLOR CODED SINGLES TWISTED INTO PAIRS		.081"
CABLE:	(4) TWISTED PAIRS TWISTED TOGETHER TO FORM A CABLE CORE		.177"
SHIELD:	AN ALUMINUM POLYESTER ALUMINUM FOIL SHIELD (100% COVERAGE) WITH 7 STRANDS OF 34 AWG TINNED COPPER DRAIN WIRE IN CONTACT WITH METALIZED SURFACE SHALL BE APPLIED OVER THE CABLE CORE		
JACKET:	POLYVINYLCHLORIDE, (COLOR, PER CHART 1), .024" NOM. WALL		.180"
THICKNESS:	OVERALL CABLE DIAMETER		.228" NOM



PHYSICAL PROPERTIES

TEMPERATURE RATING, MAX.	75°C
TEMPERATURE RATING, MIN.	-20°C
WT./M', NOM., NET.	23.2 LBS
SEE QUABBIN PARTS FOR SPECIFIC COLORS	

ELECTRICAL CHARACTERISTICS

CAPACITANCE, MUTUAL, NOM.	13.5 PF/FT. AT 1 MHz
DIELECTRIC WITHSTANDING, MIN.	1500V RMS
VOLTAGE RATING, MAX.	300V
D.C. RESISTANCE, NOM.	14.0 Ω
IMPEDANCE, NOM.	100 +/- 15 Ω 1-100 MHz 100 +/- 20 Ω 100 - 500 MHz
RETURN LOSS	1-10 MHz 20 + 5 LOG (F) dB MIN 10-20 MHz 25 dB MIN 20-500 MHz 25 - 8.6 LOG(F/20) dB MIN
PS NEXT	1-500 MHz 42.3 - 15 LOG(F/100) dB MIN
NEXT	1-500 MHz 44.3 - 15 LOG(F/100) dB MIN
PSACRF	1-500 MHz 24.8 - 20 LOG(F/100) dB MIN
ACRF	1-500 MHz 27.8 - 20 LOG(F/100) dB MIN
ATTENUATION	1-500 MHz 1.5 [1.82 SQRT(F) + 0.0091(F) + 0.25/SQRT(F)] dB MAX
DELAY	1-500 MHz 534 + 36/SQRT(F) ns MAX
DELAY SKEW	1-500 MHz <45ns MAX
PS ANEXT LOSS (6 AROUND 1)	1-500 MHz 62.5-15LOG(F/100)dB 50-500MHz 67dB 1-50 MHz
PS AFEXT (6 AROUND 1)	1-500 MHz 38.2-20LOG(F/100)dB
VELOCITY OF PROPAGATION	68%
ALL TESTING IS CONDUCTED OFF THE REEL	

Quabbin Parts

2246 BLACK
2247 BROWN
2248 RED
2249 ORANGE
2250 YELLOW
2251 GREEN
2252 BLUE
2253 VIOLET
2254 GRAY
2255 WHITE
2256 BEIGE
2257 PINK
2258 AQUA

Colors shown are a representation only. If you require color matching please contact us.



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