



2003

Catalog - Division #4

Bulk Cable: Network - Voice - Data - Communication - Video - Audio - Alarm -
Telecommunication - Fiber - Underground - Aerial

Our Cables make "Right Connection"

Celebrating our 25th and Silver Anniversary Year of Connectivity

**JML Computer Products Incorporated
West Berlin, NJ
USA**

In terms of sheer sweep of technological advancement the 25 years since JML began providing custom, state-of-the-art computer interface cables represents an era of unparalleled progress.

This catalog features over 15,000 custom products which we provide today for a constantly expanding base of customers of every size, on six continents.

JML has been presented numerous Supplier Recognition Awards for its excellence in supplying quality products on time with superior service.

Other Divisions of JML Catalog:

- #1) Cables: Network - Voice - Data - Communication - Video - Audio - Telecommunication - Fiber - SCSI - Unisys - HP - IBM
- #2) Cable Adapters: Network - Voice - Communication - Video - Audio - Telecommunication - Fiber - SCSI
- #3) Cabling Equipment: Jacks - Panels - Connectors - Terminators - Racks
- #4) Bulk Cable: Network - Voice - Data - Communication - Video - Audio - Alarm - Telecommunication - Fiber - Underground - Aerial
- #5) Cisco Cables



About Our Bulk Cable Part Number

The JML 10 digit part # =
JML Key# + T + L + NNN

T	T Description
B	Bulk PVC (CL2)
L	Bulk Shotgun; Plenum (CL2P)
N	Bulk Plenum (CL2P)
Z	Bulk Shotgun; PVC (CL2)

L	L Description
F	FEET
M	METER(S)
N	INCHES
T	THOUSAND FEET

NNN 001 to 999

Examples:

For a **1000 foot**, bulk, PVC(CL2) rated cable with a JML Key # of **NE440**:
 The JML Part# = **NE440** + (T = **B**) + (L = **T**) + (NNN = **001**)
 = **NE440 B T 001**
 = **NE440BT001 - cat 5 e, pvc**

For a **600 foot**, bulk, PVC(CL2) rated cable with a JML Key # of **F806U**:
 The JML Part# = **F806U** + (T = **B**) + (L = **F**) + (NNN = **600**)
 = **F806U B F 600**
 = **F806UBF600 - 6 strand underground single mode fiber**

For a **500 meter**, bulk, Plenum(CL2P) rated cable with a JML Key # of **F512H**:
 The JML Part# = **F612H** + (T = **N**) + (L = **M**) + (NNN = **010**)
 = **F612H N M 010**
 = **F612HNM500 - 12 strand 62.5/125 heavy duty multimode fiber, plenum**

For a **1000 foot**, bulk, Plenum(CL2P) rated cable with a JML Key # of **NE440**:
 The JML Part# = **NE440** + (T = **N**) + (L = **T**) + (NNN = **001**)
 = **NE440 N T 001**
 = **NE440NT001 - cat 5 e, plenum**



About Us

JML can design, build and/or install custom, standard, network and fiber cables for computer and phone systems.

JML builds Copper and Fiber Cables for PC Computer/ Sun/ Unisys/ IBM/ HP/ DEC/ MAC/ Network/ and Mainframe Systems. We can build your cable in any variation and still Ship it in 24 Hours. Each cable is fully tested twice to ensure high quality and long life.

JML cables have a unique serial # which gives them an identity that signifies quality, workmanship, and the honor of a 15 year warranty.

JML has been building Computer Cables since 1979 and along the way our customers have asked us to solve a few of their other communication problems. As a result **JML** can also furnish you with the following products:

- 1) Voice/ Data/ Video infrastructure design, build and service.
- 2) Private Fiber Networks (aerial and underground).
- 3) Documentation, custom cabling and custom solutions for ongoing help desk support and data center moves.
- 4) Authorized dealer/ installer for the top of the line Samsung Telecommunications Business Phone Systems. Digital systems allowing from 3 to 500 users in a single system, with an optional 10/100 Ethernet VoIP port. This port will allow up to 63 of these 500 user systems to talk over a LAN or WAN using the purest form of VoIP available, H.323. Support and service for other systems is also availableavailable.

JML is fully focused on solving the cabling problems of the World. I have 20+ years experience in solving cabling problems and supplying the solution in a timely manner. Call me anytime and I will gladly share my cabling knowledge with you.

Sincerely,

John McLaughlin Jr
President, BSEE, RCDD
800-326-4565 x202



**Division #4) Bulk Cable: Network - Voice - Data - Communication - Video -
Audio - Alarm - Telecommunication - Fiber - Underground - Aerial**

JML Part# = JKEY# + T + L + NNN = JKEY#TLNNN = 10 Digits
L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: FIBER
 Type: Fiber optic; duplex zip cord.
 AWG /Strands: 62.5/125 multimode

Pairs	Shielding	T Description	JKEY#	T
2 Fibers	N/A	Bulk PVC (CL2)	F602X	B
2 Fibers	N/A	Bulk Plenum (CL2P)	F602X	N

Platform: FIBER
 Type: Fiber optic; Heavy Duty; tight buffer
 AWG /Strands: 62.5/125 multimode

Pairs	Shielding	T Description	JKEY#	T
4 Fibers	N/A	Bulk Plenum (CL2P)	F604H	N
6 Fibers	N/A	Bulk PVC (CL2)	F606H	B
6 Fibers	N/A	Bulk Plenum (CL2P)	F606H	N

Platform: FIBER
 Type: Fiber optic; Heavy Duty; tight buffer
 AWG /Strands: 8/125 singlemode

Pairs	Shielding	T Description	JKEY#	T
6 Fibers	N/A	Bulk PVC (CL2)	F806H	B
6 Fibers	N/A	Bulk Plenum (CL2P)	F806H	N



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L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: FIBER
 Type: Fiber optic; Light Duty; tight buffer.
 AWG /Strands: 62.5/125 multimode

Pairs	Shielding	T Description	JKEY#	T
12 Fibers	N/A	Bulk PVC (CL2)	F612X	B
12 Fibers	N/A	Bulk Plenum (CL2P)	F612X	N
24 Fibers	N/A	Bulk PVC (CL2)	F624X	B
24 Fibers	N/A	Bulk Plenum (CL2P)	F624X	N
4 Fibers	N/A	Bulk PVC (CL2)	F604X	B
4 Fibers	N/A	Bulk Plenum (CL2P)	F604X	N
6 Fibers	N/A	Bulk PVC (CL2)	F606X	B
6 Fibers	N/A	Bulk Plenum (CL2P)	F606X	N

Platform: FIBER
 Type: Fiber optic; Light Duty; tight buffer.
 AWG /Strands: 8/125 singlemode

Pairs	Shielding	T Description	JKEY#	T
12 Fibers	N/A	Bulk PVC (CL2)	F812X	B
12 Fibers	N/A	Bulk Plenum (CL2P)	F812X	N
2 Fibers	N/A	Bulk PVC (CL2)	F802X	B
2 Fibers	N/A	Bulk Plenum (CL2P)	F802X	N
24 Fibers	N/A	Bulk PVC (CL2)	F824X	B
24 Fibers	N/A	Bulk Plenum (CL2P)	F824X	N
6 Fibers	N/A	Bulk PVC (CL2)	F806X	B
6 Fibers	N/A	Bulk Plenum (CL2P)	F806X	N



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L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: FIBER
 Type: Fiber optic; Undergrnd or Aerial; loose tube
 AWG /Strands: 62.5/125 multimode

Pairs	Shielding	T Description	JKEY#	T
12 Fibers	N/A	Bulk PVC (CL2)	F612U	B
6 Fibers	N/A	Bulk PVC (CL2)	F606U	B

Platform: FIBER
 Type: Fiber optic; Undergrnd or Aerial; loose tube
 AWG /Strands: 8/125 singlemode

Pairs	Shielding	T Description	JKEY#	T
6 Fibers	N/A	Bulk PVC (CL2)	F806U	B

Platform: FIBER
 Type: Fiber optic;indoor/outdoor, waterproof, loose tube
 AWG /Strands: 62.5/125 multimode

Pairs	Shielding	T Description	JKEY#	T
24 Fibers	N/A	Bulk PVC (CL2)	F624A	B
24 Fibers	N/A	Bulk Plenum (CL2P)	F624A	N



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JML Part# = JKEY# + T + L + NNN = JKEY#TLNNN = 10 Digits
L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: IBM
Type: Twinax 100 ohm
AWG /Strands: 20 AWG; Stranded

Pairs	Shielding	T Description	JKEY#	T
Twinaxial	braid and foil	Bulk PVC (CL2)	B0001	B
Twinaxial	braid and foil	Bulk Plenum (CL2P)	B0001	N
Twinaxial	braid and foil	Bulk PVC (CL2)	B2211	B
Twinaxial	braid and foil	Bulk Plenum (CL2P)	B2211	N

Platform: IBM
Type: Type 1A; 150 ohms
AWG /Strands: 22 AWG; Solid

Pairs	Shielding	T Description	JKEY#	T
2 Pair	individ. foil w/ overall braid	Bulk PVC (CL2)	B6748	B
2 Pair	individ. foil w/ overall braid	Bulk Plenum (CL2P)	B6748	N

Platform: IBM
Type: Type 2A; 150(data) - 100(voice) ohms
AWG /Strands: (2)22 + (4)24 AWG; Solid

Pairs	Shielding	T Description	JKEY#	T
6 Pair	individ. foil w/ over. braid, voice UTP	Bulk PVC (CL2)	B6739	B
6 Pair	individ. foil w/ over. braid, voice UTP	Bulk Plenum (CL2P)	B6739	N



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L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: IBM
 Type: Type 6A; 150 ohms
 AWG /Strands: 26 AWG; Stranded

Pairs	Shielding	T Description	JKEY#	T
2 Pair	individ. foil w/ overall braid	Bulk PVC (CL2)	B6743	B
2 Pair	individ. foil w/ overall braid	Bulk Plenum (CL2P)	B6743	N

Platform: IBM
 Type: Type 9A; 150 ohms
 AWG /Strands: 26 AWG; Solid

Pairs	Shielding	T Description	JKEY#	T
2 Pair	individ. foil w/ overall braid	Bulk PVC (CL2)	B9583	B
2 Pair	individ. foil w/ overall braid	Bulk Plenum (CL2P)	B9583	N

Platform: NETWORK/GENERAL
 Type: Category 3
 AWG /Strands: 22 AWG; Solid

Pairs	Shielding	T Description	JKEY#	T
2 Pair	Unshielded	Bulk PVC (CL2)	N3220	B
2 Pair	Unshielded	Bulk Plenum (CL2P)	N3220	N
6 Pair	Unshielded	Bulk PVC (CL2)	N3620	B



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JML Part# = JKEY# + T + L + NNN = JKEY#TLNNN = 10 Digits
L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: NETWORK/GENERAL
 Type: Category 3
 AWG /Strands: 24 AWG; Solid

Pairs	Shielding	T Description	JKEY#	T
2 Pair	Unshielded	Bulk PVC (CL2)	N3240	B
2 Pair	Unshielded	Bulk Plenum (CL2P)	N3240	N
4 Pair	Unshielded	Bulk PVC (CL2)	N3440	B
4 Pair	Unshielded	Bulk Plenum (CL2P)	N3440	N
6 Pair	Unshielded	Bulk PVC (CL2)	N3640	B



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JML Part# = JKEY# + T + L + NNN = JKEY#TLNNN = 10 Digits
L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: NETWORK/GENERAL
Type: Category 5 Enhanced, 155 MHZ/pair power sum
AWG /Strands: 24 AWG; Solid

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Lists various cable specifications including pair counts, shielding types, descriptions, and part numbers.

Platform: NETWORK/GENERAL
Type: Category 5 Enhanced, 155 MHZ/pair power sum
AWG /Strands: 24 AWG; Stranded

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Lists a single cable specification: 4 Pair, Unshielded, Bulk PVC (CL2), NE445, B.



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JML Part# = JKEY# + T + L + NNN = JKEY#TLNNN = 10 Digits
L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: NETWORK/GENERAL
Type: Category 5, 100 MHZ/pair
AWG /Strands: 24 AWG; Solid

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Lists various cable specifications such as 4 Pair, foil and drain wire, Bulk PVC (CL2), etc.

Platform: NETWORK/GENERAL
Type: Category 5, 100 MHZ/pair
AWG /Strands: 24 AWG; Stranded

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Lists various cable specifications such as 4 Pair, Unshielded, Bulk PVC (CL2), etc.



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JML Part# = JKEY# + T + L + NNN = JKEY#TLNNN = 10 Digits
L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: NETWORK/GENERAL
Type: Category 6, 250 MHZ/pair power sum
AWG /Strands: 24 AWG; Solid

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Rows include 4 Pair cables with foil and drain wire, unshielded, Bulk PVC (CL2), and Bulk Plenum (CL2P).

Platform: NETWORK/GENERAL
Type: Category 6, 250 MHZ/pair power sum
AWG /Strands: 24 AWG; Stranded

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Row includes 4 Pair unshielded Bulk PVC (CL2) with JKEY# N6445.

Platform: NETWORK/GENERAL
Type: Ethernet Thicknet Cable; "N" Type
AWG /Strands: 12 AWG; Solid

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Rows include Coaxial braided cables with Bulk PVC (CL2) and Bulk Plenum (CL2P).



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JML Part# = JKEY# + T + L + NNN = JKEY#TLNNN = 10 Digits
L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: NETWORK/GENERAL
Type: Ethernet Thinner; RG-58
AWG /Strands: 20 AWG; Stranded

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Rows include Coaxial braided Bulk PVC (CL2) and Coaxial braided Bulk Plenum (CL2P).

Platform: NETWORK/GENERAL
Type: Ethernet Transceiver Cable
AWG /Strands: (3)22 + (1)20 AWG; Solid

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Rows include 4 Pair individually shielded Bulk PVC (CL2) and 4 Pair individually shielded Bulk Plenum (CL2P).



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JML Part# = JKEY# + T + L + NNN = JKEY#TLNNN = 10 Digits
L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: NETWORK/GENERAL
Type: Multi-Pair RS232/ RS422
AWG /Strands: 24 AWG; Stranded

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Rows include specifications for 10, 12.5, 18.5, 2, 25, 4, 6, and 8 pairs with various shielding and descriptions.

Platform: NETWORK/GENERAL
Type: RG-59; 75 ohms
AWG /Strands: 22 AWG; Solid

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Rows include specifications for Coaxial cables with braid and foil shielding.



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JML Part# = JKEY# + T + L + NNN = JKEY#TLNNN = 10 Digits
L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: NETWORK/GENERAL
Type: RG-62; 93 ohms
AWG /Strands: 22 AWG; Solid

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Rows include Coaxial braided Bulk PVC (CL2) N562X B and Coaxial braided Bulk Plenum (CL2P) N562X N.

Platform: NETWORK/GENERAL
Type: RG-6; 75 ohms
AWG /Strands: 18 AWG; Solid

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Rows include Coaxial braid and foil Bulk PVC (CL2) N5R6X B and Coaxial braid and foil Bulk Plenum (CL2P) N5R6X N.

Platform: NETWORK/GENERAL
Type: Silver Satin
AWG /Strands: 26 AWG; Stranded

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Rows include 10 Conductors Unshielded Bulk PVC (CL2) NSS10 B, 4 Conductors Unshielded Bulk PVC (CL2) NSS04 B, 6 Conductors Unshielded Bulk PVC (CL2) NSS06 B, and 8 Conductors Unshielded Bulk PVC (CL2) NSS08 B.



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JML Part# = JKEY# + T + L + NNN = JKEY#TLNNN = 10 Digits
L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: NETWORK/GENERAL
Type: Speaker/ Audio
AWG /Strands: 16 AWG; Stranded

Pairs	Shielding	T Description	JKEY#	T
2 Conductors	Unshielded	Bulk PVC (CL2)	NSK16	B

Platform: NETWORK/GENERAL
Type: Speaker/ Audio
AWG /Strands: 18 AWG; Stranded

Pairs	Shielding	T Description	JKEY#	T
2 Conductors	Unshielded	Bulk PVC (CL2)	NSK18	B

Platform: NETWORK/GENERAL
Type: Telco
AWG /Strands: 22 AWG; Solid

Pairs	Shielding	T Description	JKEY#	T
2 Pair	foil and drain wire	Bulk PVC (CL2)	N3221	B



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JML Part# = JKEY# + T + L + NNN = JKEY#TLNNN = 10 Digits
L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: NETWORK/GENERAL
Type: Telco
AWG /Strands: 24 AWG; Solid

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Rows include 2, 3, 4, and 6 pair cables with PVC and CL2 descriptions.

Platform: UNISYS
Type: CTOS cluster cable; 100 ohm
AWG /Strands: 22 AWG;Stranded

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Rows include 2 pair cables with foil/braid/drain wire and plenum descriptions.

Platform: UNISYS
Type: CTOS cluster cable;140 ohm
AWG /Strands: 22 AWG;Stranded

Table with 5 columns: Pairs, Shielding, T Description, JKEY#, T. Rows include 2 pair cables with foil/braid/drain wire and plenum descriptions.



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L = F(feet), I(inches), M(meters), T(thousands of feet) and NNN = 001 to 999

Platform: UNISYS
Type: TDI
AWG /Strands: 20 AWG; Stranded

Pairs	Shielding	T Description	JKEY#	T
Twinaxial	braid and drain wire	Bulk PVC (CL2)	J601X	B
Twinaxial	braid and drain wire	Bulk Plenum (CL2P)	J601X	N