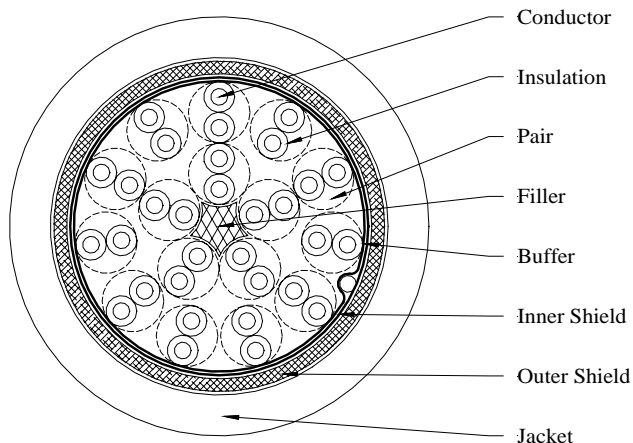


16 PAIR 26 RoHS AWG CABLE



CONSTRUCTION

Pair Component

Conductor: 26 AWG 7/34 Tin Plated Copper, 0.019 Inch Diameter
Insulation: 0.0075 Inches of Foam Polypropylene, 0.034 Inch Diameter
Pair: 2 Insulated Conductors Twisted Together

Final Assembly

Core: Fibrillated Polypropylene Filler
Layer 1: 5 Pairs (#1-5) Cabled Around Core
Layer 2: 11 Pairs (#6-16) Cabled Around Layer 1
Buffer: 0.005 Inch Foam Polypropylene Tape, 25% Overlap
Inner Shield: Aluminum/Polyester Tape, Aluminum Side Facing Out, 25% Overlap
Drain Wire: 26 AWG 7/34 Tin Plated Copper, 0.019 Inch Diameter
Outer Shield: 38 AWG Tin Plated Copper Braid, 85% Coverage
Jacket: 0.025 Inches of XPbT, Color – Tan Pantone 727
Diameter: 0.345 ± 0.015 Inches
Print Legend (Black Ink): 'TYPE CM 26 AWG (UL) MADISON CABLE CSA
 TYPE CMG RoHS COMPLIANT'

COLOR CODE

Pair #	Conductor #1	Conductor #2
1	White/Blue	Blue/White
2	White/Orange	Orange/White
3	White/Green	Green/White
4	White/Brown	Brown/White
5	White/Gray	Gray/White
6	Red/Blue	Blue/Red
7	Red/Orange	Orange/Red
8	Red/Green	Green/Red
9	Red/Brown	Brown/Red
10	Red/Gray	Gray/Red
11	Black/Blue	Blue/Black
12	Black/Orange	Orange/Black
13	Black/Green	Green/Black
14	Black/Brown	Brown/Black
15	Black/Gray	Gray/Black
16	Yellow/Blue	Blue/Yellow

ELECTRICAL CHARACTERISTICS

Differential Impedance: 120 Ohms Nominal @ 1 MHz
Mutual Capacitance: 13 pF/ft Nominal @ 1 MHz
Conductor DC Resistance: 44 Ohms/1000 ft Maximum @ 20°C

SAFETY CERTIFICATION

UL Listing: Type CM as specified in Article 800 of the National Electrical Code
CSA Certification: Type CMG
RoHS Compliance: In Accordance to European Directive 2002/95/EC, Issue
 13.2.2003



MADISON Cable

tyco
Electronics

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Spec Number: 101-3451

Part Number: 32KEKLF001

Customer: Cisco Systems

Customer #:

REVISION HISTORY

1	10/17/05	DC	Initial Release
2	01/17/06	EP	Revised Legend

Prepared By: E. Piekalniak

Reviewed By: R. Lemos

M. Dupuis

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