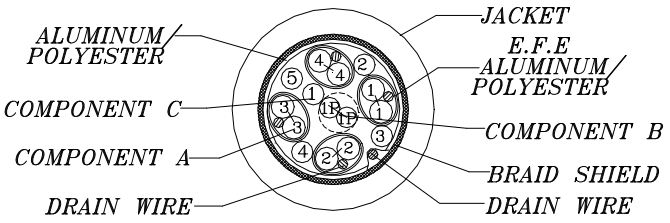
PRODUCT	ATP-14029 (PLENUM HDMI CABLE)

Cross Section



Marking

Jacket Marking(White)

E326062 Atlona Technologies HDMI CABLE TYPE UL CMP (CL2P/CL3P) 75°C 24AWG

Description

Rated Voltage (V)	-
Rated Temperature (℃)	75
Product Standard Certification	CL2P
Flame test	NFPA 262/UL910

Application

Power-limited circuit cables for use a fixed wiring within buildings (some are also marked for direct burial) principally for class 3 and class 2 circuits.

Reference Standard

UL 13

Construction

Conductor	**Stranded Tinned Copper**
Component A :(1 Pair +Drain Wire+ Shield)x4	**8C**
AWG	24
Construction (mm)	7/0.20T
Stranded Dia.(mm)	0.60
Insulation	FOAM FEP
Nom. Thickness (mm)	0.42
Insulation Dia.(±0.05mm)	1.45
Drain Wire(Stranded Tinned Copper)	7/0.20T
Shield	extended film edge aluminum/polyester
100% coverage with 25% overlap.	
Component B : 1 Pair	**2C**
AWG	24
Construction (mm)	7/0.20T
Stranded Dia.(mm)	0.60
Insulation	FEP
Nom. Thickness (mm)	0.17
Insulation Dia.(±0.05mm)	0.95
Component C :5 Core	**5C**
AWG	24
Construction (mm)	7/0.20T
Stranded Dia.(mm)	0.60
Insulation	FEP
Nom. Thickness (mm)	0.17
Insulation Dia.(±0.05mm)	0.95
Component A,B and C cabled together,	
Shield	Aluminum/Polyester
100% coverage with 25% overlap.	
Drain Wire(Stranded Tinned Copper)	7/0.20T
Braid Shield	Tinned Copper
Construction(mm)	24/9/0.12T
Coverage(%)	≧85%
Jacket	Plenum- PVC
Nom. Thickness(mm)	0.60
Outer Dia.(± 0.20mm)	9.0

Color

Insulation

Component A : 1P: White & Red 2P: White & Green

3P: White & Blue 4P: White & Brown

Component B: 5P:Yellow & Orange

Component C: 1.Black 2.Brown 3.Red 4.Green 5.Blue

Jacket

Matte black (KJBH)

Performance

Electrical Characteristics(20℃)

Max. Conductor DC Resistance (Ω/km)	#24:93
Min. Insulation DC Resistance (Ω/km)	FEP:100M
Dielectric Strength	AC-500V/1 Min

Mechanical Characteristics:

Test Object	**Jacket**
Test Material	Plenum- PVC
Before Tensile Strength (kg/mm²)	≧1.05

Atlona Technologies

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Date	11/10/2008	Page	1 of 1
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