

acclAIM 24 FIBER SPLICE-ON RIBBON PIGTAIL ASSEMBLIES

DESCRIPTION

Splice-On Ribbon Pigtail Assemblies enable a splicing termination of acclAIM connectivity to a deployed ribbon multifiber permanent link. These ribbon pigtail assemblies will optimize splicing requirements and ensure efficient distribution of fiber infrastructure reducing installation and administration. Bare Ribbon Pigtail to acclAIM 24 Fiber, Splice-On Pigtail is used to splice with existing fiber trunks or new multifiber cable, enabling quick and easy cable runs and connection to the patch panels. The connectorized acclAIM end has been pre-terminated in the factory for maximum reliability and quality results. The mechanically cleaved bare ribbon simplifies fiber splicing which greatly decreases labor and cost.

APPLICATION

acclAIM Splice-On Ribbon Pigtails support network designers to custom configure run length and breakout of the permanent link and terminate at the desired location, simplifying installation, maximizing cable management, and minimizing waste. acclAIM connectivity removes the need for a cassette due to breakout occurring at the point of connection, offering one-to-one cassette functionality, design, and administration, without the cassette.

Construction	
Cable Type	Bare Ribbon
Cable Jacket Rating	Optical Fiber Non-Conductive Plenum (OFNP)
Fiber Types	OS2 Yellow
	OM4 Aqua
	OM5 Lime
Connector Types End "A"	Blunt
Connector Types End "B"	AIM (Infinium acclAIM)
Fiber Count	24 Fiber [24 fiber Pigtail]
Jacket Color	Yellow (OS2)
	Aqua (OM4)
	Lime (OM5)

Optical Properties	
Maximum Cable Attenuation	Multimode: 3.0dB/km @ 850nm & 1.0dB/km @ 1300nm
	Singlemode: 0.5dB/km @ 1310nm & 1550nm
Maximum Connector Insertion loss	Max: 0.30dB
	Typical: 0.10dB
Maximum Connector Return loss	Singlemode: 55dB
	Multimode: 40dB

Environmental Properties	
Operating Temp	Plenum: -76°F to 185°F (-60°C to +85°C)
Storage and Shipping Temp	Plenum: -76°F to 185°F (-60°C to +85°C)
Installation Temp	N/A

Physical Properties	
Cable Outside Diameter	0.013" (0.33mm) X 0.128" (3.25mm) per leg
Cable Construction	250um ribbon (12F Sub-units)
Minimum Bend Radius	Install: 1.97" (50mm)
	Long Term : 1.28" (32.5mm)
Cable Tensile Strength	N/A
	N/A
Connector Durability	IAW TIA-568.3-E and the max IL of 0.3dB at 200 cycles
Breakout Outside Diameter	0.08" (2mm)
Breakout Length	24" +/- 3" (609.6mm +/-76.2mm)

Standards	
List of Standards	UL 1651
	CSA C22.2 No. 232
	NFPA 262
	ANSI/ICEA S-83-596
	ANSI/TIA-568.3-D
	ANSI/TIA-568.3-E
	TIA-455-21
	GR-409-CORE

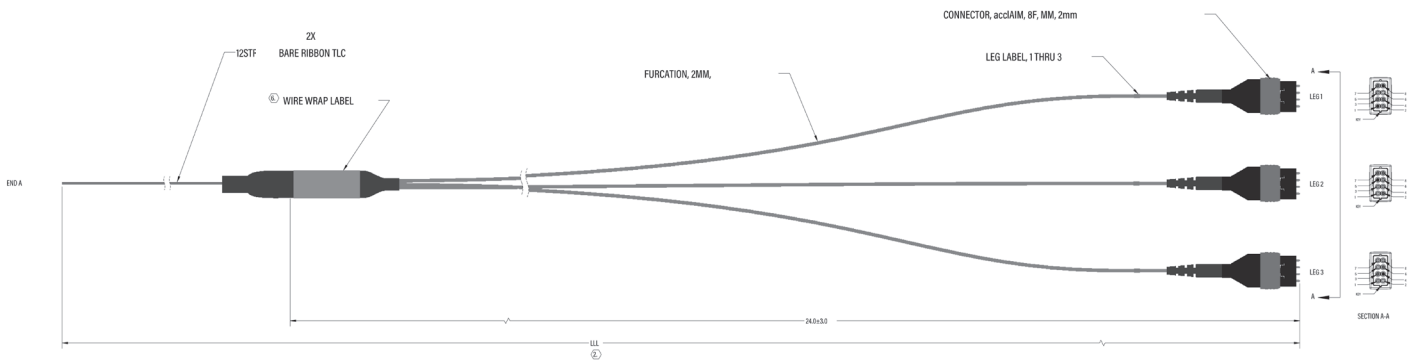
Configuration Fields **C00AM0200A** **G** **0M** **J** **LLL** **U**

Example **C00AM0200AJ0M0003M**

Options

G - Fiber Type	J - Options
J = Single-Mode OS2	0 = None
E = Multimode OM4	Y = Spool, No Pulling Eye, Standard Label
H = Multimode OM5	

LLL - Length	U - Unit of Measure
LLL = Length in Whole Numbers (001-999)	F = Feet
	M = Meters



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<https://www.legrand.us/network-infrastructure/fiber-optic>

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