#LegrandImprovingLives

acclAIM 8 AND 24 FIBER MICRO DISTRIBUTION PIGTAIL ASSEMBLIES

DESCRIPTION

Splice-On Micro Distribution Pigtail Assemblies enable a splicing termination of acclAIM connectivity to a deployed multifiber permanent link. These pigtail assemblies will optimize splicing requirements and ensure efficient distribution of fiber infrastructure reducing installation and administration. The Micro Distribution Pigtail to acclAIM 8 and 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 Micro Distribution 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	250um uDist OFNP 3.0mm (12F Sub-units), >24F [24 fiber Pigtail]
	250um uDist Interconnect 3.0mm OFNP (8F) [8 fiber Pigtail]
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	8 Fiber [8 fiber Pigtail]
	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: 32°F to 158°F (0°C to +70°C)
Storage and Shipping Temp	Plenum: -40°F to 167°F (-40°C to +75°C)
Installation Temp	Plenum: 50°F to 140°F (10°C to +60°C)

Physical Properties	
Cable Outside Diameter	0.12" (3mm) [8 fiber Pigtail]
	0.35" (8.8mm) [24 fiber Pigtail]
Cable Construction	250um uDist Interconnect 3.0mm OFNP (8F) [8 fiber Pigtail]
	250um uDist OFNP 3.0mm (12F Sub-units), >24F [24 fiber Pigtail]
Minimum Bend Radius	Install: 1.8.0" (47mm) [8 fiber Pigtail]
	Long Term : 1.2" (30mm) [8 fiber Pigtail]
	Install: 7.0" (180mm) [24 fiber Pigtail]
	Long Term : 3.5" (90mm) [24 fiber Pigtail]
Cable Tensile Strength	Install: 80lbs (370N) [8 fiber Pigtail]
	Long Term : 25lbs (110N) [8 fiber Pigtail]
	Install: 150lbs (710N) [24 fiber Pigtail]
	Long Term : 45lbs (198N) [24 fiber Pigtail]
Connector Durability	IAW TIA-568.3-E and the max IL of 0.3dB at 200 cycles
Breakout Outside Diameter	0.08" (2mm) [24 fiber Pigtail]
Breakout Length	24" +/- 3" (609.6mm +/-76.2mm) [24 fiber Pigtail]

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

C00AM0EE0F G 0M J LLL U

Example

C00AM0100AJ0003M

Options

EE - Cable Type	F - Fiber Count
10 = 24 Fiber Micro-Distribution (OFNP)	5 = 8 Fiber Pigtail
37 = 8 Fiber Micro-Distribution (OFNP)	A = 24 Fiber Pigtail

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