PanGen® Fiber System Solutions
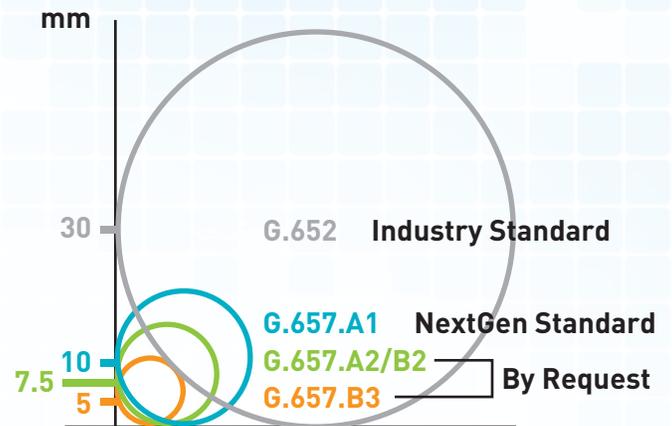## SINGLEMODE

PanGen®
STRUCTURED CABLING SOLUTIONS

Key Features and Benefits of PanGen Fiber Solutions:

- High-performance system engineered to meet network requirements for G.652.D, G.657.A1, G.657.A2 and G.657.B3 applications
- Installations covered by a 25-year comprehensive warranty program that provides performance to the latest industry standards
- A single point of contact for all PanGen inquiries
- With the Fiber Rapid Fulfillment Program, in stock fiber cuts and ships same day
- All connectivity components are 100% performance-tested
- Quick installation of PanGen systems is provided through an extensive network of specially trained and certified installers
- Fully compatible suite of NextGen® cable, Panduit connectors and patch cords

Bending Radius for Singlemode Fiber Types

mm	
30	G.652 **Industry Standard**
10	G.657.A1 **NextGen Standard**
7.5	G.657.A2/B2 **By Request**
5	G.657.B3

NEXTGEN® BRAND SINGLEMODE OPTICAL FIBER CABLE

Features and Benefits

- Cable designs in various constructions for premise, outside plant and indoor/outdoor applications
- Industry-leading NextGen Tight Buffer cabled attenuation allows for lower link loss and more headroom in loss budget
- 0.4 dB/Km @ 1310 nm vs. 0.5 dB/Km standard
- 0.3 dB/Km @ 1550nm vs. 0.5 dB/Km standard
- Designed with Corning® Ultra inside, the most widely specified singlemode fibers in the industry

GCC CABLE	Cable Type	Application Environment	Available Fiber Counts	Product Line*	Armoring Available
Distribution Plenum	Tight Buffer	Indoor	2-24 36-144	XXYYY1PNU* XXYYY1P1D*	Interlock Aluminum
Distribution Riser	Tight Buffer	Indoor	2-24 24-144	XXYYY1PNR* XXYYY1P1R*	Interlock Aluminum
I/O Distribution Plenum	Tight Buffer	Indoor/Outdoor	2-24 24-144	XXYYY1ANU.BK* XXYYY1A1D.BK*	Interlock Aluminum
I/O Distribution Riser	Tight Buffer	Indoor/Outdoor	2-24 24-144	XXYYY1ANR.BK* XXYYY1A1R.BK*	Interlock Aluminum
Single Jacket Riser Single Jacket Plenum	Loose Tube	Indoor/Outdoor	2-96	XXYYY4M1M-DT* XXYYY4M1D-DT*	Interlock Aluminum
Loose Tube Single Jacket	Loose Tube	Outdoor	4-288	XXYYY4M1A-DWB*	Corrugated Coated Steel Tape (XXYYYM1F-DWB)*

* Where XX denotes glass type and YYY denotes fiber count.

PANDUIT® **General Cable**

Pre-Polished OptiCam® Field Terminated Connectors

	Part Number	Description		Part Number	Description
	FLCSSCBUY	LC Simplex Singlemode OptiCam Connector 900µm Blue Boot		FLCDSCBUY	LC Duplex Singlemode OptiCam Connector 900µm Blue Boot
	FSCSCBU	SC Simplex Singlemode OptiCam Connector 900µm Blue Boot			

Fiber Distribution Products

	Part Number	Description		Part Number	Description
	FAP12WBULCZ	Fiber Adaptor Panel, 6-port Duplex LC (Blue) with Zirconia Split Sleeves for Singlemode		FAP6WAUDSCZ	Fiber Adaptor Panel, 6-port Duplex SC (Blue) with Zirconia Split Sleeves for Singlemode
	FRME1U	Rack Mount Fiber Enclosure, 1 RU		FRME2U	Rack Mount Fiber Enclosure, 2 RU
	FRME4	Rack Mount Fiber Enclosure, 4 RU			

Pre-Terminated Connectivity

	Part Number	Description		Part Number	Description
	F91BN1NNNSNM001	1-fiber OS2, 900µm buffered pigtail, with no jacket, LC to pigtail		F92ERLNLNSNM001	2-fiber Singlemode patch cord, riser (OFNR) rated, LC duplex toLC duplex, 1.6mm jacketed cable, 1 meter
	F92ERLNLNSNM003	2-fiber Singlemode patch cord, riser (OFNR) rated, LC duplex toLC duplex, 1.6mm jacketed cable, 1 meter			

Field Termination Kits

	Part Number	Description		Part Number	Description
	FOCTT2-BKIT	Opticam 2 Termination Tool Clean and Cleave Kit		FOCTT2-KIT	Opticam 2 Termination Tool Kit

Note: For a full range of modular patch panels, contact Panduit customer service.

For additional Panduit or General Cable components, visit www.pangensolutions.com

PANDUIT® **General Cable**