



A Furukawa Company

Product Change Notice

1. Supplier Information OFS One BrightWave Boulevard, Carrollton, GA 30117 Contact: Dan Hendrickson (770)798-5971 dahendrickson@ofsoptics.com		2. Product Change/ Recall Notice No. 2014-0005-1 D	2a. Include on www.ofsoptics.com Yes
3. Issue Date of Change/Recall August 12, 2014	4. System & Product Description Premise AccuMax® Building Cable LGBC Riser Rated Revision to Version G.		
5. New Product ID LGBC- <i>nnn</i> G – X ₂ X ₃ X ₄ - X ₅ - X ₆ PREFIX – <i>nnn</i> V- X ₂ X ₃ X ₄ - X ₅ - X ₆ Where: <ul style="list-style-type: none"> • PREFIX see Chart 1 • <i>nnn</i> Fiber Count • V version • X₂ Fiber Type • X₃ Jacket Rating • X₄ Color • X₅ Fiber Attenuation • X₆ Special Notations 	6. Old Product ID LGBC- <i>nnn</i> D – X ₂ X ₃ X ₄ - X ₅ - X ₆ PREFIX – <i>nnn</i> V- X ₂ X ₃ X ₄ - X ₅ - X ₆ Where: <ul style="list-style-type: none"> • PREFIX see Chart 1 • <i>nnn</i> Fiber Count • V version • X₂ Fiber Type • X₃ Jacket Rating • X₄ Color • X₅ Fiber Attenuation • X₆ Special Notations 		
7. Associated Products or Changes Affected The riser rated (OFNR) LGBC product family covering 2-72 fiber counts has undergone a design change. New jacketing, subunit and tight buffer materials have been implemented; fiber/subunit stranding has been modified; and a barrier tape has been added to subunitized cables with 24 fibers or more. These changes were made to increase cable flexibility, reduce cable OD and weight, reduce allowable drum diameter for cable assemblies, and improved through removal of talc powder. These changes do not impact cable tensile rating or compliance with Telcordia GR-409.			
8. Drawing No. N/A	9. Product Change Classification D		
10. Classification Substantiation Product has undergone and passed full GR409 internal testing and UL1666 flame spread testing. Third party GR409 testing is targeted to be completed by mid-October, 2014.			
11. Reason(s) for Change/Recall To improve on cable handling and flexibility, reduce cable size and weight, reduce allowable drum diameters.			
12. Description of Change/Recall New jacket/subunit/tight buffer materials, modified fiber/subunit stranding, use of barrier tape instead of talc in subunitized cables with > 24 fibers.			
13. Effect of Change/Recall No change in fit or function.			
14. Material/Product Affected New cable codes will be released to note the changes and Revision Letter change within the descriptor.			
15. Documentation Affected Data sheets across the entire product set will be revised over time to reflect the descriptor changes.			
16. Supplier Implementation Date September 1, 2014	17. Modification Completion Date September 1, 2014		



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18. Modification/Recall Location N/A
19. Modification/Recall Cost N/A
20. Location and Quantity of Equipment N/A
21. Attachments N/A
22. Comments Version D OFNR 2-72fiber products will remain available to those customers seeking Third Party Testing oversight prior to changes. Version D will be discontinued by November, 2014. See Chart 1 for conversion of product codes from version D to G Chart 2 for product naming scheme.

Chart 2: Premise Descriptor Changes

ACCUMAX Distribution Cable Product Description

PREFIX –nnnV- X2 X3 X4-X5-X6

Product Set	PREFIX	Fiber Count nnn	Version (V)
ACCUMAX	LGBC	001	D
		002	F*
		004	G**
		006	
		008	
		012	
		018	
		024	
		036	
		048	
		072	
		096	
		144	

*See Table A

Table A

If Jacket type	and	Version is:	then fire rating is:	Available in
Riser	=	G**	Riser	002 - 72fibers
Riser	=	D	Riser	96, 144fibers
Plenum	=	D	Plenum	002 - 144 fibers
LSZH	=	D	IEC 60332-3c only	002 - 144 fibers
Riser	=	F*	Riser	018 & 024 Fibers
Plenum	=	F*	Plenum	018 & 024 Fibers
LSZH	=	F*	IEC 60332-3c only	18 & 024 Fibers

*F version is for the single tube design which is available in fiber counts of 018 and 24.

Note(s):

1) Any special requirements must be added after X5 (maximum attenuation).

Fiber Type	Grade	X2
Allwave Flex + ZWP	G657A2	W
AllWave FLEX MAX ZWP	G.657.B3+ G.652.D	7
Allwave ZWP	G652	A
62.5/125 Multimode	OM1	L
LaserWave FLEX G+ (50 micron)	OM2	K
LaserWave FLEX 300 (50 micron)	OM3	3
LaserWave FLEX 550 (50 micron)	OM4	5

Examples:

LGBC-012G-KPO-G
12-Fiber 50/125 Multimode ACCUMAX Cable
Plenum Rated (OFNP)_Orange Outer Jacket
Maximum Attenuation: 3.5/1.5 dB/km @ 850/1300nm

LGBC-072G-WRB-4
72-Fiber AllWave FLEX+ZWP Singlemode ACCUMAX Cable
Riser Rated (OFNR)_Blue Outer Jacket
12 Fibers/Subunit
Maximum Attenuation: 0.40/0.30 dB/km @ 1310/1550nm

LGBC-024F-LRO-U
24-Fiber 50/125 Multimode **Single Tube** ACCUMAX Cable
Riser Rated (OFNR)_Orange Outer Jacket
Maximum Attenuation: 3.5/1.5 dB/km @ 850/1300nm

LGBC-024G-LRO-U
24-Fiber 62.5/125 Multimode ACCUMAX Cable
Riser Rated (OFNR)_Orange Outer Jacket
6 Fibers/Subunit
Maximum Attenuation: 3.4/1.0 dB/km @ 850/1300nm

Fire Rating	X3
Riser	R
Plenum	P
LSZH (IEC-30332-3c only)	H

See Table A below.

Color	X4
Blue	B
Orange	O
Green	G
Brown	N
Slate	S
White	W
Red	R
Black	K
Yellow	Y
Violet	V
Rose	E
Aqua	A

Singlemode Maximum Attenuation			
	X5		
Character	1310nm	1550nm	Comments
4	0.40	0.30	Default AW FLEX+ & MAX
9	0.50	0.40	Default for AllWave ZWP
5	0.50	0.50	
7	0.70	0.70	Default for Panduit
B	0.35	0.25	
2	0.35	0.22	Requires PLM approval.
X	Special	Special	

TrueWave RS Maximum Attenuation			
	X5		
Character	1310nm	1550nm	
6	N/A	0.50	

62.5/125 Maximum Attenuation			
	X5		
Character	850nm	1300nm	
U	3.40	1.00	
X	Special	Special	

50/125 Maximum Attenuation			
	X5		
Character	850nm	1300nm	
G	3.50	1.50	
X	Special	Special	

Chart 1 Product Code Reference from Version D to G

OLD PR CODE	OLD DESCRIPTOR	New PR Number	NEW DESCRIPTOR FOR Version G	OLD PR CODE	OLD DESCRIPTOR	New PR Number	NEW DESCRIPTOR FOR Version G
PRO-000-399-2308	LGBC-002D-ZRA-G	PRO-001-464-8841	LGBC-002G-3RA-G	PRO-000-455-2306	LGBC-002D-MRO-G	PRO-001-504-2335	LGBC-002G-KRO-G
PRO-000-849-2308	LGBC-004D-ZRA-G	PRO-001-465-8841	LGBC-004G-3RA-G	PRO-000-186-2306	LGBC-004D-MRO-G	PRO-001-505-2335	LGBC-004G-KRO-G
	LGBC-006D-ZRA-G	PRO-001-466-8841	LGBC-006G-3RA-G		LGBC-006D-MRO-G	PRO-001-506-2335	LGBC-006G-KRO-G
PRO-000-708-8841	LGBC-008D-3RA-G	PRO-001-467-8841	LGBC-008G-3RA-G	PRO-000-264-2306	LGBC-008D-MRO-G	PRO-001-507-2335	LGBC-008G-KRO-G
	LGBC-008D-ZRA-G	PRO-001-468-8841	LGBC-008G-3RA-G	PRO-000-226-2306	LGBC-012D-MRO-G	PRO-001-508-2335	LGBC-012G-KRO-G
PRO-000-503-2308	LGBC-012D-ZRA-G	PRO-001-469-8841	LGBC-012G-3RA-G		LGBC-018D-MRO-G	PRO-001-509-2335	LGBC-018G-KRO-G
PRO-000-694-2308	LGBC-024D-ZRA-G	PRO-001-470-8841	LGBC-024G-3RA-G	PRO-000-723-2306	LGBC-024D-MRO-G	PRO-001-510-2335	LGBC-024G-KRO-G
	LGBC-036D-ZRA-G	PRO-001-471-8841	LGBC-036G-3RA-G		LGBC-036D-MRO-G	PRO-001-511-2335	LGBC-036G-KRO-G
PRO-000-594-2308	LGBC-048D-ZRA-G	PRO-001-472-8841	LGBC-048G-3RA-G		LGBC-048D-MRO-G	PRO-001-512-2335	LGBC-048G-KRO-G
PRO-000-200-2308	LGBC-072D-ZRA-G	PRO-001-473-8841	LGBC-072G-3RA-G	PRO-000-177-2306	LGBC-072D-MRO-G	PRO-001-513-2335	LGBC-072G-KRO-G
PR1-000-214-2308	LGBC-002D-ZRA-G-RLX-1000FT	PR1-001-266-8841	LGBC-002G-3RA-G-RLX-1000FT	PR1-000-215-2306	LGBC-002D-MRO-G-RLX-1000FT	PR1-001-271-2335	LGBC-002G-KRO-G-RLX-1000FT
PR1-000-273-2308	LGBC-004D-ZRA-G-RLX-1000FT	PR1-001-267-8841	LGBC-004G-3RA-G-RLX-1000FT	PR1-000-277-2306	LGBC-004D-MRO-G-RLX-1000FT	PR1-001-272-2335	LGBC-004G-KRO-G-RLX-1000FT
PR1-000-274-2308	LGBC-006D-ZRA-G-RLX-1000FT	PR1-001-268-8841	LGBC-006G-3RA-G-RLX-1000FT	PR1-000-278-2306	LGBC-006D-MRO-G-RLX-1000FT	PR1-001-273-2335	LGBC-006G-KRO-G-RLX-1000FT
PR1-000-275-2308	LGBC-008D-ZRA-G-RLX-1000FT	PR1-001-269-8841	LGBC-008G-3RA-G-RLX-1000FT	PR1-000-279-2306	LGBC-008D-MRO-G-RLX-1000FT	PR1-001-274-2335	LGBC-008G-KRO-G-RLX-1000FT
PR1-000-276-2308	LGBC-012D-ZRA-G-RLX-1000FT	PR1-001-270-8841	LGBC-012G-3RA-G-RLX-1000FT	PR1-000-280-2306	LGBC-012D-MRO-G-RLX-1000FT	PR1-001-275-2335	LGBC-012G-KRO-G-RLX-1000FT
PRO-000-825-2312	LGBC-002D-FRA-G	PRO-001-474-8842	LGBC-002G-5RA-G	PRO-000-850-0269	LGBC-002D-WRB-4	PRO-001-514-0269	LGBC-002G-WRB-4
PRO-000-826-2312	LGBC-004D-FRA-G	PRO-001-475-8842	LGBC-004G-5RA-G	PRO-000-851-0269	LGBC-004D-WRB-4	PRO-001-515-0269	LGBC-004G-WRB-4
PRO-000-827-2312	LGBC-006D-FRA-G	PRO-001-476-8842	LGBC-006G-5RA-G	PRO-000-852-0269	LGBC-006D-WRB-4	PRO-001-516-0269	LGBC-006G-WRB-4
PRO-000-828-2312	LGBC-008D-FRA-G	PRO-001-477-8842	LGBC-008G-5RA-G	PRO-000-853-0269	LGBC-008D-WRB-4	PRO-001-517-0269	LGBC-008G-WRB-4
PRO-000-829-2312	LGBC-012D-FRA-G	PRO-001-478-8842	LGBC-012G-5RA-G	PRO-000-854-0269	LGBC-012D-WRB-4	PRO-001-518-0269	LGBC-012G-WRB-4
	LGBC-018D-FRA-G	PRO-001-479-8842	LGBC-018G-5RA-G	PRO-000-855-0269	LGBC-024D-WRB-4	PRO-001-519-0269	LGBC-024G-WRB-4
PRO-000-830-2312	LGBC-024D-FRA-G	PRO-001-480-8842	LGBC-024G-5RA-G	PRO-000-856-0269	LGBC-036D-WRB-4	PRO-001-520-0269	LGBC-036G-WRB-4
PRO-000-831-2312	LGBC-036D-FRA-G	PRO-001-481-8842	LGBC-036G-5RA-G	PRO-000-857-0269	LGBC-048D-WRB-4	PRO-001-521-0269	LGBC-048G-WRB-4
PRO-000-832-2312	LGBC-048D-FRA-G	PRO-001-482-8842	LGBC-048G-5RA-G	PRO-000-858-0269	LGBC-072D-WRB-4	PRO-001-522-0269	LGBC-072G-WRB-4
PRO-000-833-2312	LGBC-072D-FRA-G	PRO-001-483-8842	LGBC-072G-5RA-G				
PRO-000-682-2252	LGBC-002D-LRO-U	PRO-001-484-2252	LGBC-002G-LRO-U	PRO-000-232-0269	LGBC-002D-WRY-4	PRO-001-523-0269	LGBC-002G-WRY-4
PRO-000-473-2252	LGBC-004D-LRO-U	PRO-001-485-2252	LGBC-004G-LRO-U	PRO-000-111-0269	LGBC-004D-WRY-4	PRO-001-524-0269	LGBC-004G-WRY-4
PRO-000-543-2252	LGBC-006D-LRO-U	PRO-001-486-2252	LGBC-006G-LRO-U	PRO-000-112-0269	LGBC-006D-WRY-4	PRO-001-525-0269	LGBC-006G-WRY-4
PRO-000-116-2252	LGBC-008D-LRO-U	PRO-001-487-2252	LGBC-008G-LRO-U	PRO-000-040-0269	LGBC-008D-WRY-4	PRO-001-526-0269	LGBC-008G-WRY-4
PRO-000-109-2252	LGBC-012D-LRO-U	PRO-001-488-2252	LGBC-012G-LRO-U	PRO-000-110-0269	LGBC-012D-WRY-4	PRO-001-527-0269	LGBC-012G-WRY-4
	LGBC-018D-LRO-U	PRO-001-489-2252	LGBC-018G-LRO-U	PRO-000-508-0269	LGBC-018D-WRY-4	PRO-001-528-0269	LGBC-018G-WRY-4
PRO-000-199-2252	LGBC-024D-LRO-U	PRO-001-490-2252	LGBC-024G-LRO-U	PRO-000-271-0269	LGBC-024D-WRY-4	PRO-001-529-0269	LGBC-024G-WRY-4
PRO-000-417-2252	LGBC-036E-LRO-U	PRO-001-491-2252	LGBC-036G-LRO-U	PRO-000-169-0269	LGBC-036D-WRY-4	PRO-001-530-0269	LGBC-036G-WRY-4
PRO-000-150-2252	LGBC-048D-LRO-U	PRO-001-492-2252	LGBC-048G-LRO-U	PRO-000-170-0269	LGBC-048D-WRY-4	PRO-001-531-0269	LGBC-048G-WRY-4
PRO-000-684-2252	LGBC-072D-LRO-U	PRO-001-493-2252	LGBC-072G-LRO-U	PRO-000-171-0269	LGBC-072D-WRY-4	PRO-001-532-0269	LGBC-072G-WRY-4
PRO-000-475-2252	LGBC-002D-LRS-U	PRO-001-494-2252	LGBC-002G-LRS-U				
	LGBC-004D-LRS-U	PRO-001-495-2252	LGBC-004G-LRS-U				
PRO-000-291-2252	LGBC-006D-LRS-U	PRO-001-496-2252	LGBC-006G-LRS-U				
	LGBC-008D-LRS-U	PRO-001-497-2252	LGBC-008G-LRS-U				
PRO-000-117-2252	LGBC-012D-LRS-U	PRO-001-498-2252	LGBC-012G-LRS-U				
	LGBC-018D-LRS-U	PRO-001-499-2252	LGBC-018G-LRS-U				
PRO-000-135-2252	LGBC-024D-LRS-U	PRO-001-500-2252	LGBC-024G-LRS-U				
	LGBC-036D-LRS-U	PRO-001-501-2252	LGBC-036G-LRS-U				
	LGBC-048D-LRS-U	PRO-001-502-2252	LGBC-048G-LRS-U				
	LGBC-072D-LRS-U	PRO-001-503-2252	LGBC-072G-LRS-U				
				PR1-000-261-0269	LGBC-002D-WRY-4-RLX-1000FT	PR1-001-276-0269	LGBC-002G-WRY-4-RLX-1000FT