



A Furukawa Company

Product Change Notice/
Product Recall Notice

<p>1. Supplier Information</p> <p>OFS One BrightWave Boulevard, Carrollton, GA 30117 Contact: Dan Hendrickson (770)798-5971 dahendrickson@ofsoptics.com</p>	<p>2. Product Change/ Recall Notice No.</p> <p>2013-0003-1 D</p>	<p>2a. Include on www.ofsoptics.com</p> <p>Yes.</p>
<p>3. Issue Date of Change/Recall</p> <p>January 29, 2013</p>	<p>4. System & Product Description</p> <p>Mincord® Cable LGMC Tight Buffer change based on a prior PCN. Nylon Tight Buffer Discontinued (Force Majeure)</p>	
<p>5. New Product ID</p> <p>PREFIX -<i>nnn</i>V- X₂ X₃ X₄-X₅-X₆</p> <p>Where:</p> <ul style="list-style-type: none"> • PREFIX is LGMC • <i>nnn</i> Fiber Count • V version • X₂ Fiber Type • X₃ Jacket Rating • X₄ Color • X₅ Fiber Attenuation • X₆ Special Notations 	<p>6. Old Product ID</p> <p>PREFIX -<i>nnn</i>V- X₂ X₃ X₄</p> <p>Where:</p> <ul style="list-style-type: none"> • PREFIX is LGMC • <i>nnn</i> Fiber Count • V version • X₂ Fiber Type • X₃ Jacket Rating • X₄ Color 	
<p>7. Associated Products or Changes Affected</p> <p>MiniCord Breakout Cable also known as LGMC cable will undergo a change by replacing Nylon tight buffer(TB) with Low Smoke PVC(LSPVC) coating TB. This change is aligned with a prior PCN (2012-0012 Move from Nylon TB to LSPVC) responding to global nylon shortages.</p>		
<p>8. Drawing No.</p> <p>N/A</p>	<p>9. Product Change Classification</p> <p>D</p>	
<p>10. Classification Substantiation</p> <p>To move the OFNR rated LGMC is replacing nylon TB with an alternate coated TB using LSPVC materials. This material has been used for over 15 years within optical cable products and fully tested.</p>		
<p>11. Reason(s) for Change/Recall</p> <p>Due to a catastrophic event at a manufacturing facility (Evonik Industries AG, Germany) of our primary material supplier there is a global disruption in supply of a key Nylon material. This will impact suppliers and customers in multiple industries including automotive, solar energy and telecommunications. The nylon shortage is a situation of force majeure requiring a rapid change to alternate buffer materials (Low Smoke PVC or UV Cured Coating).</p>		
<p>12. Description of Change/Recall</p> <p>Replace the Nylon TB with a LSPVC TB throughout the LGMC product set. Also to ensure all cables include a single ripcord for fiber counts 4-72. Cables with only 2 fibers will not receive a ripcord.</p>		
<p>13. Effect of Change/Recall</p> <p>No change in fit or function.</p>		
<p>14. Material/Product Affected</p> <p>New cable codes will be released to note the changes and effective dates. Descriptor changes will be revised to Revision Letter D to aid with tracking. Target change overs will start immediately. Cables that are already in process and or in stock may contain nylon buffers.</p>		



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15. Documentation Affected No External Documents to be impacted	
16. Supplier Implementation Date March 1, 2013	17. Modification Completion Date March 1, 2013
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 Refer to Table 1 for list of products that will be revised by March 1, 2013. Also see Table 2 for the Product Code Descriptor and Attachment 1 for a Cable Cross-Section.	

Table 1:
Code Changes for LGMC Products

Original Part Number	Original Descriptor	New Part Number	New Descriptor
PR0-000-154	LGMC-002B-BRB	PR0-000-154-0264	LGMC-002D-BRB-4
PR0-000-138	LGMC-004B-BRB	PR0-000-138-0264	LGMC-004D-BRB-4
PR0-000-180	LGMC-006B-BRB	PR0-000-180-0264	LGMC-006D-BRB-4
PR0-000-156	LGMC-008B-BRB	PR0-000-156-0264	LGMC-008D-BRB-4
PR0-000-188	LGMC-012B-BRB	PR0-000-188-0264	LGMC-012D-BRB-4
PR1-000-925	LGMC-012B-DRW	PR1-000-925-0273	LGMC-012D-DRW-4
PR0-000-158	LGMC-002B-LRO	PR0-000-158-2252	LGMC-002D-LRO-U
PR0-000-159	LGMC-004B-LRO	PR0-000-159-2252	LGMC-004D-LRO-U
PR0-000-265	LGMC-006B-LRO	PR0-000-265-2252	LGMC-006D-LRO-U
PR0-000-346	LGMC-008B-LRO	PR0-000-346-2252	LGMC-008D-LRO-U
PR0-000-179	LGMC-012B-LRO	PR0-000-179-2252	LGMC-012D-LRO-U
PR0-000-411	LGMC-036D-LRO	PR0-000-411-2252	LGMC-036D-LRO-U
PR0-000-414	LGMC-048D-LRO	PR0-000-414-2252	LGMC-048D-LRO-U
PR0-000-704	LGMC-002B-MRO	PR0-000-704-2306	LGMC-002D-MRO-G
PR0-000-400	LGMC-004B-MRO	PR0-000-400-2306	LGMC-004D-MRO-G
PR0-000-113	LGMC-006D-MRO	PR0-000-113-2306	LGMC-006D-MRO-G
PR0-000-380	LGMC-008B-MRO	PR0-000-380-2306	LGMC-008D-MRO-G
PR0-000-283	LGMC-012B-MRO	PR0-000-283-2306	LGMC-012D-MRO-G
PR0-000-294	LGMC-002B-WRB	PR0-000-294-0269	LGMC-002D-WRB-4
PR0-000-178	LGMC-004B-WRB	PR0-000-178-0269	LGMC-004D-WRB-4
PR0-000-241	LGMC-006B-WRB	PR0-000-241-0269	LGMC-006D-WRB-4
PR0-000-268	LGMC-008B-WRB	PR0-000-268-0269	LGMC-008D-WRB-4
PR0-000-297	LGMC-012B-WRB	PR0-000-297-0269	LGMC-012D-WRB-4
PR0-000-906	LGMC-036B-WRB	PR0-000-906-0269	LGMC-036D-WRB-4
PR0-000-680	LGMC-002B-WRV	PR0-000-680-0269	LGMC-002D-WRV-4
PR0-000-681	LGMC-004B-WRV	PR0-000-681-0269	LGMC-004D-WRV-4
PR0-000-173	LGMC-002B-WRY	PR0-000-173-0269	LGMC-002D-WRY-4
PR0-000-164	LGMC-004B-WRY	PR0-000-164-0269	LGMC-004D-WRY-4
PR0-000-165	LGMC-006B-WRY	PR0-000-165-0269	LGMC-006D-WRY-4
PR0-000-166	LGMC-008B-WRY	PR0-000-166-0269	LGMC-008D-WRY-4
PR0-000-162	LGMC-012B-WRY	PR0-000-162-0269	LGMC-012D-WRY-4
PR0-000-240	LGMC-018B-WRY	PR0-000-240-0269	LGMC-018D-WRY-4
PR0-000-269	LGMC-024C-WRY	PR0-000-269-0269	LGMC-024D-WRY-4
PR0-000-316	LGMC-030B-WRY	PR0-000-316-0269	LGMC-030D-WRY-4
PR0-000-258	LGMC-036B-WRY	PR0-000-258-0269	LGMC-036D-WRY-4
PR0-000-409	LGMC-036D-WRY	PR0-000-409-0269	LGMC-036D-WRY-4
PR0-000-285	LGMC-048B-WRY	PR0-000-285-0269	LGMC-048D-WRY-4
PR0-000-412	LGMC-048D-WRY	PR0-000-412-0269	LGMC-048D-WRY-4
PR0-000-168	LGMC-072B-WRY	PR0-000-168-0269	LGMC-072D-WRY-4
PR0-000-844	LGMC-002B-ZRA	PR0-000-844-2308	LGMC-002D-ZRA-G
PR0-000-203	LGMC-008B-ZRA	PR0-000-203-2308	LGMC-008D-ZRA-G



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Table 2: Descriptor Structure

PREFIX - nnnV - X2 X3 X4-X5-X6

Product Set	PREFIX	Fiber Count nnn	Version (V)	Fiber Type	Grade	X2	Fire Rating	X3	Color	X4	Singlemode Maximum Attenuation			Special Requirements	X6	
											Character	X5	1310nm	1550nm		
Minicord Breakout	LGMC	001	D	Allwave Flex + ZWP	G657A2	W	Riser	R	Blue	B	4	0.40	0.30	Default	B	Black Armor
		002		EZ Bend Ultra Bend Singlemode	G657B3	D			Orange	O	9	0.50	0.40		W	White Armor
		004		Multimode 62.5 (Loop)	OM1	L			Green	G	5	0.50	0.50		K	Aramid under Jacket
		006		Laser Optimized (50 micron)	OM2	M			Brown	N	7	0.70	0.70		R	Ripcord under jacket
		008		LaserWave 300 (50 micron)	OM3	Z			Slate	S	B	0.35	0.25		PVC	Indicates PVC Tight Buffer for IO cords
		012		LaserWave 550 (50 micron)	OM4	F			White	W	X	Special	Special			
		018		LaserWave FLEX G+ (50 micron)	OM2	K			Red	R						
		024		LaserWave FLEX 300 (50 micron)	OM3	3			Black	K						
		036		LaserWave FLEX 550 (50 micron)	OM4	5			Yellow	Y						
		048							Violet	V						
		072							Rose	E						
									Aqua	A						
											TrueWave RS Maximum Attenuation					
											Character	X5	1310nm	1550nm		
											6	N/A	0.50			
											62.5/125 Maximum Attenuation					
											Character	X5	850nm	1300nm		
											U	3.40	1.00			
											X	Special	Special			
											50/125 Maximum Attenuation					
											Character	X5	850nm	1300nm		
											G	3.50	1.50	Default		
											X	Special	Special			

