

<p><b>1. Supplier Information</b></p> <p>OFS One BrightWave Boulevard, Carrollton, GA 30117</p> <p>Contact: Dan Hendrickson (770)798-5971 dahendrickson@ofsotpics.com</p>	<p><b>2. Product Change/ Recall Notice No.</b></p> <p><b>2012-0017-1 D</b></p>	<p><b>2a. Include on www.ofsoptics.com</b></p> <p><b>Yes</b></p>
<p><b>3. Issue Date of Change/Recall</b></p> <p>September 14, 2012</p>	<p><b>4. System &amp; Product Description</b></p> <p>AccuFlex™ + Ribbon Cable Release Dual Fire Rating and Material Changes.</p>	
<p><b>5. New Product ID</b></p> <p>PREFIX -<i>nnn</i>V- X<sub>2</sub> X<sub>3</sub> X<sub>4</sub>-X<sub>5</sub>-X<sub>6</sub></p> <p><b>Where:</b></p> <ul style="list-style-type: none"> <li>• PREFIX is ARRC</li> <li>• <i>nnn</i> Fiber Count</li> <li>• V version</li> <li>• X<sub>2</sub> Fiber Type</li> <li>• X<sub>3</sub> Jacket Rating</li> <li>• X<sub>4</sub> Color</li> <li>• X<sub>5</sub> Fiber Attenuation</li> <li>• X<sub>6</sub> Special Notations</li> </ul>	<p><b>6. Old Product ID</b></p> <p>PREFIX -<i>nnn</i>V- X<sub>2</sub> X<sub>3</sub> X<sub>4</sub></p> <p><b>Where:</b></p> <ul style="list-style-type: none"> <li>• PREFIX is RRC</li> <li>• <i>nnn</i> Fiber Count</li> <li>• V version</li> <li>• X<sub>2</sub> Fiber Type</li> <li>• X<sub>3</sub> Jacket Rating</li> <li>• X<sub>4</sub> Color</li> </ul>	
<p><b>7. Associated Products or Changes Affected</b></p> <p>AccuFlex + Cables with OFNR and LSZH jacket ratings will change to Dual fire ratings (UL1666 and IEC - 60332-3C). OFNP cables receive an alternative material in order to strengthen supply chain. Strength member rods will move to a constant diameter of 0.9mm.</p>		
<p><b>8. Drawing No.</b></p> <p>N/A</p>	<p><b>9. Product Change Classification</b></p> <p>D</p>	
<p><b>10. Classification Substantiation</b></p> <p>To move to a single Dual Rated flame spread rating, improve on a secure material supply chain, and create a single strength member across all fiber counts 12-144fibers.</p>		
<p><b>11. Reason(s) for Change/Recall</b></p> <p>Customers requesting design changes to create a single flame spread rating and a consistent cable structure across multiple product sets. (UL1666 and IEC - 60332-3C) Also incorporated alternate OFNP materials to improve on security of supply chain.</p>		
<p><b>12. Description of Change/Recall</b></p> <p>Move all OFNR and LSZH rated jackets to a Dual listed flame/fire rating. (UL1666 and IEC - 60332-3C) Also, create a single diameter strength member within cable using fiber counts 12-144 by using a 0.9mm strength member rod. Cables with 12-96 fiber used 0.7mm rods and will now use 0.9mm rods. Cables with 144 fibers used 1.0mm rods and will move to 0.9mm rods. OFNP material changes made.</p>		
<p><b>13. Effect of Change/Recall</b></p> <p>No change in function. Minor change to fit due to the strength member rod.</p>		
<p><b>14. Material/Product Affected</b></p> <p>New cable codes will be released to note the changes and effective dates. Target change overs will start immediately.</p>		



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<b>15. Documentation Affected</b> Data sheets for AccuFlex + to be revised as needed	
<b>16. Supplier Implementation Date</b> November 1, 2012	<b>17. Modification Completion Date</b> November 1, 2012
<b>18. Modification/Recall Location</b> N/A	
<b>19. Modification/Recall Cost</b> N/A	
<b>20. Location and Quantity of Equipment</b> N/A	
<b>21. Attachments</b> N/A	
<b>22. Comments</b> Refer to Table 1 for list of products that will be revised by November 1, 2012. Product ID's and Descriptors noted under OLD columns will be discontinued from availability and replaced by Product ID's and Descriptors noted under NEW columns. ALL #N/A items will receive new Product ID's at time of quote.	



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Table 1: Product Codes Change From and To

OFNR and LSZH Products Move to Dual Rated				NEW Dual Rated	
OLD				NEW	
Product ID	Product Descriptor	Product ID	Product Descriptor	New Product ID	NEW Descriptor
PR0-000-247	RRC-012E-ARY	#N/A	RRC-012E-AHY	PR0-000-247-0270	ARRC-012A-ADY-4
PR0-000-249	RRC-024E-ARY	#N/A	RRC-024E-AHY	PR0-000-249-0270	ARRC-024A-ADY-4
PR0-000-276	RRC-036E-ARY	#N/A	RRC-036E-AHY	PR0-000-276-0270	ARRC-036A-ADY-4
PR0-000-233	RRC-048E-ARY	#N/A	RRC-048E-AHY	PR0-000-233-0270	ARRC-048A-ADY-4
PR0-000-237	RRC-072E-ARY	#N/A	RRC-072E-AHY	PR0-000-237-0270	ARRC-072A-ADY-4
PR0-000-234	RRC-096E-ARY	#N/A	RRC-096E-AHY	PR0-000-234-0270	ARRC-096A-ADY-4
PR0-000-476	RRC-144E-ARY	#N/A	RRC-144E-AHY	PR0-000-476-0270	ARRC-144A-ADY-4
PR0-000-248	RRC-012E-WRY	PR0-000-551	RRC-012E-WHY	PR0-000-248-0269	ARRC-012A-WDY-4
PR0-000-250	RRC-024E-WRY	PR0-000-934	RRC-024E-WHY	PR0-000-250-0269	ARRC-024A-WDY-4
PR0-000-277	RRC-036E-WRY	#N/A	RRC-036E-WHY	PR0-000-277-0269	ARRC-036A-WDY-4
PR0-000-236	RRC-048E-WRY	#N/A	RRC-048E-WHY	PR0-000-236-0269	ARRC-048A-WDY-4
PR0-000-238	RRC-072E-WRY	PR0-000-419	RRC-072E-WHY	PR0-000-238-0269	ARRC-072A-WDY-4
PR0-000-534	RRC-096E-WRY	PR0-000-758	RRC-096E-WHY	PR0-000-534-0269	ARRC-096A-WDY-4
PR0-000-477	RRC-144E-WRY	PR0-000-663	RRC-144E-WHY	PR0-000-477-0269	ARRC-144A-WDY-4
#N/A	RRC-012E-LRO	#N/A	RRC-012E-LHO	#N/A	ARRC-012A-LDO-U
#N/A	RRC-024E-LRO	#N/A	RRC-024E-LHO	#N/A	ARRC-024A-LDO-U
PR0-000-321	RRC-036E-LRO	#N/A	RRC-036E-LHO	PR0-000-321-2252	ARRC-036A-LDO-U
#N/A	RRC-048E-LRO	#N/A	RRC-048E-LHO	#N/A	ARRC-048A-LDO-U
#N/A	RRC-072E-LRO	#N/A	RRC-072E-LHO	#N/A	ARRC-072A-LDO-U
PR0-000-290	RRC-096E-LRO	#N/A	RRC-096E-LHO	PR0-000-290-2252	ARRC-096A-LDO-U
#N/A	RRC-144E-LRO	#N/A	RRC-144E-LHO	#N/A	ARRC-144A-LDO-U
#N/A	RRC-012E-MRO	PR0-000-495	RRC-012E-MHO	#N/A	ARRC-012A-MDO-G
#N/A	RRC-024E-MRO	#N/A	RRC-024E-MHO	#N/A	ARRC-024A-MDO-G
#N/A	RRC-036E-MRO	#N/A	RRC-036E-MHO	#N/A	ARRC-036A-MDO-G
#N/A	RRC-048E-MRO	#N/A	RRC-048E-MHO	#N/A	ARRC-048A-MDO-G
PR0-000-488	RRC-072E-MRO	#N/A	RRC-072E-MHO	PR0-000-488-2306	ARRC-072A-MDO-G
#N/A	RRC-096E-MRO	#N/A	RRC-096E-MHO	#N/A	ARRC-096A-MDO-G
#N/A	RRC-144E-MRO	#N/A	RRC-144E-MHO	#N/A	ARRC-144A-MDO-G
#N/A	RRC-012E-ZRA	#N/A	RRC-012E-ZHA	#N/A	ARRC-012A-ZDA-G
#N/A	RRC-024E-ZRA	#N/A	RRC-024E-ZHA	#N/A	ARRC-024A-ZDA-G
#N/A	RRC-036E-ZRA	#N/A	RRC-036E-ZHA	#N/A	ARRC-036A-ZDA-G
#N/A	RRC-048E-ZRA	#N/A	RRC-048E-ZHA	#N/A	ARRC-048A-ZDA-G
PR0-001-024	RRC-072E-ZRA	#N/A	RRC-072E-ZHA	PR0-001-024-2308	ARRC-072A-ZDA-G
#N/A	RRC-096E-ZRA	#N/A	RRC-096E-ZHA	#N/A	ARRC-096A-ZDA-G
#N/A	RRC-144E-ZRA	#N/A	RRC-144E-ZHA	#N/A	ARRC-144A-ZDA-G
PR0-000-836	RRC-012E-FRA	#N/A	RRC-012E-FHA	PR0-000-836-2312	ARRC-012A-FDA-G
PR0-000-837	RRC-024E-FRA	#N/A	RRC-024E-FHA	PR0-000-837-2312	ARRC-024A-FDA-G
PR0-000-838	RRC-036E-FRA	#N/A	RRC-036E-FHA	PR0-000-838-2312	ARRC-036A-FDA-G
PR0-000-839	RRC-048E-FRA	PR0-000-364	RRC-048E-FHA	PR0-000-839-2312	ARRC-048A-FDA-G
PR0-000-840	RRC-072E-FRA	#N/A	RRC-072E-FHA	PR0-000-840-2312	ARRC-072A-FDA-G
PR0-000-841	RRC-096E-FRA	#N/A	RRC-096E-FHA	PR0-000-841-2312	ARRC-096A-FDA-G
PR0-000-842	RRC-144E-FRA	#N/A	RRC-144E-FHA	PR0-000-842-2312	ARRC-144A-FDA-G



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Table 1 Continued: Product Codes Change From and To					
OFNP Rated Cables				Enhanced OFNP Materials	
OLD				NEW	
Product ID	Product Descriptor	Product ID	Product Descriptor	New Product ID	NEW Descriptor
PR0-000-732	RRC-012F-APY			PR0-000-732-0270	ARRC-012A-APY-4
PR0-000-747	RRC-024F-APY			PR0-000-747-0270	ARRC-024A-APY-4
#N/A	RRC-036F-APY			#N/A	ARRC-036A-APY-4
PR0-000-736	RRC-048F-APY			PR0-000-736-0270	ARRC-048A-APY-4
PR0-000-742	RRC-072F-APY			PR0-000-742-0270	ARRC-072A-APY-4
PR0-001-020	RRC-096F-APY			PR0-001-020-0270	ARRC-096A-APY-4
#N/A	RRC-144F-APY			#N/A	ARRC-144A-APY-4
#N/A	RRC-012F-WPY			#N/A	ARRC-012A-WPY-4
#N/A	RRC-024F-WPY			#N/A	ARRC-024A-WPY-4
#N/A	RRC-036F-WPY			#N/A	ARRC-036A-WPY-4
PR0-000-740	RRC-048F-WPY			PR0-000-740-0269	ARRC-048A-WPY-4
PR0-000-907	RRC-072F-WPY			PR0-000-907-0269	ARRC-072A-WPY-4
#N/A	RRC-096F-WPY			#N/A	ARRC-096A-WPY-4
#N/A	RRC-144F-WPY			#N/A	ARRC-144A-WPY-4
#N/A	RRC-012F-LPO			#N/A	ARRC-012A-LPO-U
PR0-000-737	RRC-024F-LPO			PR0-000-737-2252	ARRC-024A-LPO-U
#N/A	RRC-036F-LPO			#N/A	ARRC-036A-LPO-U
#N/A	RRC-048F-LPO			#N/A	ARRC-048A-LPO-U
#N/A	RRC-072F-LPO			#N/A	ARRC-072A-LPO-U
#N/A	RRC-096F-LPO			#N/A	ARRC-096A-LPO-U
#N/A	RRC-144F-LPO			#N/A	ARRC-144A-LPO-U
PR0-000-735	RRC-012F-MPO			PR0-000-735-2306	ARRC-012A-MPO-G
PR0-000-738	RRC-024F-MPO			PR0-000-738-2306	ARRC-024A-MPO-G
#N/A	RRC-036F-MPO			#N/A	ARRC-036A-MPO-G
#N/A	RRC-048F-MPO			#N/A	ARRC-048A-MPO-G
#N/A	RRC-072F-MPO			#N/A	ARRC-072A-MPO-G
#N/A	RRC-096F-MPO			#N/A	ARRC-096A-MPO-G
#N/A	RRC-144F-MPO			#N/A	ARRC-144A-MPO-G
PR0-000-734	RRC-012F-ZPA			PR0-000-734-2308	ARRC-012A-ZPA-G
#N/A	RRC-024F-ZPA			#N/A	ARRC-024A-ZPA-G
#N/A	RRC-036F-ZPA			#N/A	ARRC-036A-ZPA-G
#N/A	RRC-048F-ZPA			#N/A	ARRC-048A-ZPA-G
PR0-000-731	RRC-072F-ZPA			PR0-000-731-2308	ARRC-072A-ZPA-G
#N/A	RRC-096F-ZPA			#N/A	ARRC-096A-ZPA-G
#N/A	RRC-144F-ZPA			#N/A	ARRC-144A-ZPA-G
PR0-000-733	RRC-012F-FPA			PR0-000-733-2312	ARRC-012A-FPA-G
#N/A	RRC-024F-FPA			#N/A	ARRC-024A-FPA-G
#N/A	RRC-036F-FPA			#N/A	ARRC-036A-FPA-G
#N/A	RRC-048F-FPA			#N/A	ARRC-048A-FPA-G
#N/A	RRC-072F-FPA			#N/A	ARRC-072A-FPA-G
#N/A	RRC-096F-FPA			#N/A	ARRC-096A-FPA-G
#N/A	RRC-144F-FPA			#N/A	ARRC-144A-FPA-G

**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	1310nm	1550nm						
AccuFlex + Round Ribbon	ARRC	012	A	Allwave Flex + ZWP	G657A2	W	Plenum	P	Blue	B	Default	4	0.40	0.30	B	Black Armor			
		024	B	EZ Bend Ultra Bend Singlemode	G657B3	D			Orange	O							9	0.50	0.40
		036	C	Multimode 62.5 (Loop)	OM1	L			Green	G							5	0.50	0.50
		048	D	Laser Optimized (50 micron)	OM2	M	Brown	N	7	0.70		0.70	W	White Armor					
		072	E	LaserWave 300 (50 micron)	OM3	Z	Slate	S	B	0.35		0.25	K	Aramid under Jacket					
		096	F	LaserWave 550 (50 micron)	OM4	F	White	W	X	Special		Special	R	Ripcord under jacket					
		144	G	LaserWave FLEX G+ (50 micron)	OM2	K	Red	R	PVC	Indicates PVC Tight Buffer for IO cords									
			H	LaserWave FLEX 300 (50 micron)	OM3	3	Black	K											
			I	LaserWave FLEX 550 (50 micron)	OM4	5	Yellow	Y	62.5/125 Maximum Attenuation										
			J				Violet	V	X5										
			K				Rose	E	Character	850nm		1300nm							
			L				Aqua	A	U	3.40		1.00	Default						
			M						X	Special		Special							
							50/125 Maximum Attenuation												
							X5												
							Character	850nm	1300nm	Default									
							G	3.50	1.50										
							X	Special	Special										

Flame Spread Ratings Moves to  
Dual Rated (UL1666 & IEC-  
60332-3C

Strength Rods  
Change to 0.9mm

