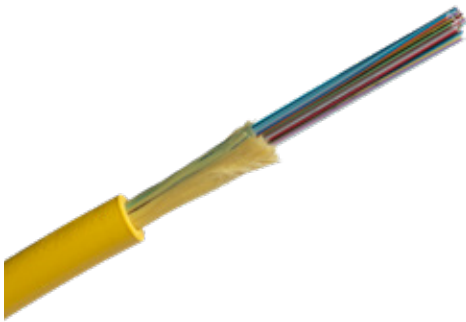




A Furukawa Company

## R-Pack™ Rollable Ribbon Backbone Cable

A Key Step Forward in Premises Cable Innovation



R-Pack Rollable Ribbon Backbone Cable

### Features

- Compact, lightweight cable rated for Horizontal Backbone applications
- Designed for demanding plenum installation areas
- Plenum rated (OFNP) for routing through ladder racking, raceways or plenum spaces
- Flame-retardant outer jacket
- 5.4 mm - 6.2 mm outer diameter (OD)
- Fiber counts of 12, 24, 48 and 72

### Benefits

- Rollable Ribbons help to simplify multifiber termination and splice work
- Reduced outer diameter offers more efficient cable management in congested routing applications
- Small yet robust cable design
- Versatile cable suitable for a wide range of applications

### Product Description

When you need a compact yet highly dense cabling solution for Data Centers or other high-density, high-bandwidth applications, look to the R-Pack Rollable Ribbon (RR) Backbone Cable. This cable's special design combines plenum-rated materials with rollable fiber optic ribbons to create a very compact, yet robust and fiber-dense cable.

The R-Pack RR Backbone Cable features 12, 24, 48 or 72 250 micron ( $\mu\text{m}$ ) optical fibers in a unique rollable ribbon structure. The rollable ribbons open into preorganized ribbon packages that help to speed termination and reduce fiber crossovers.

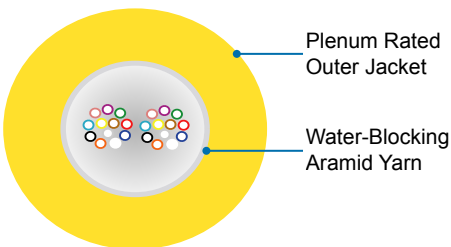
### Why the R-Pack Rollable Ribbon Backbone Cable?

Featuring rollable ribbons, the newest optical fiber technology from OFS, allows the R-Pack RR Backbone Cable to offer twice the fiber density when compared to a traditional flat ribbon premises cable. This design results in a very compact, fiber-dense and robust cable that helps customers to substantially improve fiber routing and save on space in demanding and congested pathways.

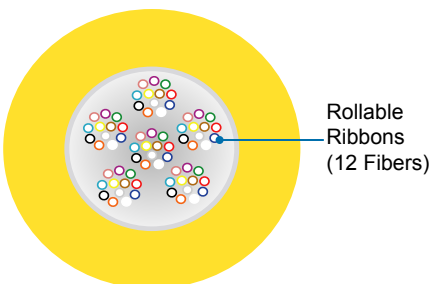
The Rollable Ribbons can be rolled and routed similarly to individual bare fibers and also spliced like a traditional fiber ribbon. This ribbon design offers the advantages of both traditional flat fiber ribbons and loose fibers - it helps to facilitate efficient, cost-effective mass fusion splicing while also allowing easy individual fiber breakout. It also helps to support rapid multifiber terminations and installations.

While the R-Pack RR Backbone Cable meets stringent Telcordia GR-409 standards for horizontal backbone applications, its plenum construction also meets NFPA 202 requirements for use in many demanding building applications. In fact, this cable can be used in a broad range of application spaces or to construct assemblies.

With its versatile design and excellent performance, the R-Pack RR Backbone Cable is a natural choice for use in Data Centers, Central Offices and Fiber-to-the-Business (FTTB) applications.



24-Fiber R-Pack RR Cable Cross-Section



72-Fiber R-Pack RR Cable Cross-Section

## R-Pack™ Rollable Ribbon Backbone Cable

### A Key Step Forward in Premises Cable Innovation

Specifications	RB54	RB58	RB62
<b>Fiber Count</b>	<b>12 or 24</b>	<b>48</b>	<b>72</b>
<b>Outer Diameter - in. (mm)</b>	0.21 (5.4)	0.23 (5.8)	0.24 (6.2)
<b>Weight - lb/kft (kgm/km)</b>	22.0 (32.8)	25.6 (38.2)	29.3 (43.7)
<b>Maximum Tensile lb (N)</b>	150 (660)	150 (660)	150 (660)
<b>Handling Temperature</b>	Installation: -4 °F to 140 °F (-20 °C to 60 °C) Operation: -4 °F to 158 °F (-20 °C to 70 °C) Storage: -40 °F to 158 °F (-40 °C to 70 °C)		
<b>Performance Standard</b>	The R-Pack Rollable Ribbon Backbone Cable meets all or portions of Telcordia GR-409 Horizontal Backbone/ICEA-S-83-596/ICEA-S-104-696/ICEA-S-115-730 and TIA-568. These plenum-rated cables are UL® listed as compliant with NEC® Article 770 as Type OFNP.		

R-Pack Rollable Ribbon Backbone Cable Ordering Information	
Example: <b>RB54-024A-WPY-4<sup>1</sup></b>	
Part Number: <b>RBNN - NNN A - W X Y - Z</b>	
<b>RB</b>	R-Pack Backbone Cable
<b>NN</b>	Cable Size <b>54</b> = 5.4 mm <b>58</b> = 5.8 mm <b>62</b> = 6.2 mm
<b>NNN</b>	Fiber Count <b>012, 024, 048 and 072</b>
<b>A</b>	Version Letter. Contact OFS.
<b>W</b>	Fiber Type (see chart)
<b>X</b>	Jacket Material (Flame Retardant) <b>P</b> = Plenum Rated OFNP
<b>Y</b>	Jacket Color <sup>2</sup> <b>K</b> = Black <b>Y</b> = Yellow <b>W</b> = White
<b>Z</b>	Maximum Cable Attenuation (MCA) (see chart)

Fiber Type <sup>2</sup>					
Code	Single-Mode Descriptor	Grade	1310 nm (dB/km)	1550 nm (dB/km)	MCA (Z)
<b>W</b>	AllWave® FLEX+ ZWP Bend-Optimized Optical Fiber	G.657.A2	0.4	0.3	4

- Part Number shown is for an R-Pack Rollable Ribbon Backbone Cable with 24 AllWave FLEX+ ZWP Bend-Optimized Single-Mode Fibers and standard cable print.  
 OFS R-PACK™ ALLWAVE® FLEX+ ZWP BIF G.657.A2 OPTICAL CABLE -C- RB54-024A-WPY-4 9/125 FT6 C(UL) OFNP {MM/YY} {Lot No} {LENGTH IN FEET}
- Contact OFS Order Management for information on other cable variations, including additional fiber types, attenuation and custom cable print.

**For additional information please contact your sales representative.**

You can also visit our website at [www.ofsoptics.com](http://www.ofsoptics.com) or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.