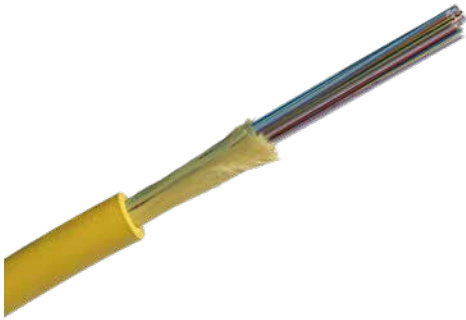




R-Pack™ Rollable Ribbon Plenum Backbone Cable

A Key Step Forward in Premises Cable Innovation



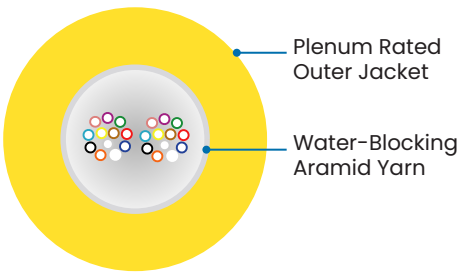
R-Pack Rollable Ribbon Backbone Cable

Features

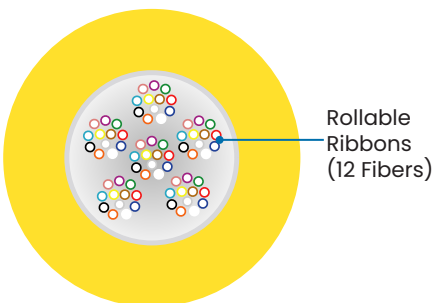
- Compact, lightweight cable rated for Horizontal Backbone applications
- Designed for demanding plenum installation areas
- Plenum rated (OFNP) for routing through ladder racking, raceways or plenum spaces
- Flame-retardant outer jacket
- 5.4 mm - 6.2 mm outer diameter (OD)
- Fiber counts of 12, 24, 48 and 72
- Available in SM and MM OM4 Fiber

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



24-Fiber R-Pack RR Cable Cross-Section



72-Fiber R-Pack RR Cable Cross-Section

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 Plenum Backbone Cable features 12, 24, 48 or 72 250 micron (μm) 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 Plenum 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 Plenum Backbone Cable is a natural choice for use in Data Centers, Central Offices and Fiber-to-the-Business (FTTB) applications.



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| Specifications | RB54 | RB58 | RB62 |
|----------------------------------|--|-------------|-------------|
| Fiber Count | 12 or 24 | 48 | 72 |
| Outer Diameter - in. (mm) | 0.21 (5.4) | 0.23 (5.8) | 0.24 (6.2) |
| Weight - lb/kft (kgm/km) | 22.0 (32.8) | 25.6 (38.2) | 29.3 (43.7) |
| Maximum Tensile lb (N) | 150 (660) | 150 (660) | 150 (660) |
| Handling Temperature | 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) | | |
| Performance Standard | 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. | | |

| Fiber Type ² | | | | | |
|-------------------------|--|----------|-----------------|-----------------|---------|
| Code | Single-Mode Descriptor | Grade | 1310 nm (dB/km) | 1550 nm (dB/km) | MCA (Z) |
| V | AllWave® A2.9.2 Single-Mode Optical Fiber | G.657.A2 | 0.4 | 0.3 | 4 |
| W | AllWave FLEX+ ZWP Bend-Optimized Optical Fiber | G.657.A2 | 0.4 | 0.3 | 4 |
| Code | Multimode Descriptor | Grade | 1310 nm (dB/km) | 1550 nm (dB/km) | MCA (Z) |
| 5 | LaserWave® FLEX 550 Optical Fiber | OM4 | 3.5 | 1.5 | G |
| 5 | LaserWave Dual-Band Optical Fiber | OM4+ | 3.5 | 1.5 | G |
| 4 | LaserWave Wideband Optical Fiber | OM5 | 3.5 | 1.5 | G |

R-Pack Rollable Ribbon Plenum Backbone Cable Ordering Information

Example: RB54-024A-WPY-4-12-250¹

Part Number: RBNN-NNNV-WXY-Z-UU-DDD

| | |
|---|--|
| RB = R-Pack Backbone Cable | X = Jacket Material (Flame Retardant) P = Plenum Rated OFNP |
| NN = Cable Size 54 = 5.4 mm 58 = 5.8 mm 62 = 6.2 mm | Y = Jacket Color K = Black (IO) Y = Yellow (IN) W = White (IO) A = Aqua (IN) L = Lime (IN) |
| NNN = Fiber Count 012, 024, 048, and 072 | Z = Maximum Cable Attenuation (See Chart) |
| A = Version Letter (See Chart) | UU = Fiber Groupings or Ribbon Type = 12 |
| W = Fiber Type (See Chart) | DDD = Fiber Outer Diameter = 250 μm |

* NOTE: Other colors available upon customer request.
¹ 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-4-12-250 9/125 FT6 C(UL) OFNP {MM/YY} {Lot No} {LENGTH IN FEET}

For additional information please contact your sales representative.

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




For a full list of our certifications, visit our website.



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OFS Marketing Communications
 Doc ID: prem-243 Date: 02/24

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