

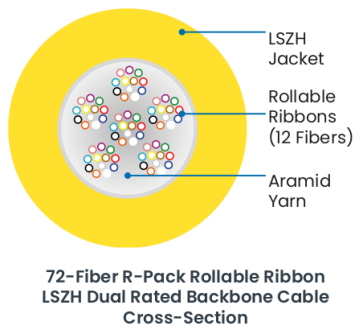
R-Pack Rollable Ribbon LSZH Dual Rated Backbone Cable

High Density Cabling Solution for Data Center, Central Office and Inter-Building Applications



Features And Benefits

- Available in a broad range of fiber counts (12, 24, 36, 48, 72, 96, or 144) to support many applications
- Excellent for use in ladder racking (robust, small diameter and flexible)
- Global fire rating minimizes inventories and maximizes usage locations CPR and UL OFNR compliant
- Indoor/Outdoor rated for short runs, building to building or first handhole
- Splices rapidly with mass fusion splices yet allows fast single fiber splicing with easy to separate ribbon construction
- Simplifies and speeds multifiber connector terminations
- Vertical Backbone rated for riser shaft applications for $\geq 48F$
- Available in single-mode and multimode OM4 optical fiber



Product Description

When you need a compact, high density cabling solution for the Data Center, Central Office or other high fiber count, high-bandwidth application look to the R-Pack Rollable Ribbon (RR) LSZH Dual Rated Backbone Cable. The R-Pack RR Backbone Cable features 250 micron (μm) optical fibers in a unique 12 fiber rollable ribbon structure. The rollable ribbons open into preorganized ribbon that helps to speed installations via splicing and aids termination work by reduced fiber-crossovers.

The construction includes both water blocking features and UV stable jacket materials allowing the cable to be used in outdoor environments when needed simplifying routes and bypassing indoor splice points.

Why the R-Pack RR LSZH Dual Rated Backbone Cable?

The R-Pack Backbone Cable features rollable ribbons, the newest optical fiber technology from Lightera, which allows it to offer twice the fiber density of traditional flat ribbon and tight buffered premises cables. This very compact, robust and fiber-dense cable design dramatically improves fiber routing and space conservation in congested pathways.

These modern ribbons offer rapid mass fusion benefits like traditional ribbons while providing the routing flexibility of loose fibers. The rollable design facilitates efficient, cost-effective mass fusion splicing while also allowing for easy individual fiber breakout and rapid multifiber terminations and installations.

With its versatile design and excellent performance, the R-Pack RR LSZH Dual Rated Backbone Cable is an ideal choice for use in Data Centers and Central Offices for bay to vault splice points and inter-bay pre-terminated assemblies. The cable can also be used for inter-building connectivity in Fiber to-the-Business (FTTB) applications.



Specifications

Description	RB58	RB62	RB66	RB72	RB78	RB92
Fiber Count	12 or 24	36	48	72	96	144
Outer Diameter - in. (mm)	0.23 (5.8)	0.24 (6.2)	0.26 (6.6)	0.28 (7.2)	0.31 (7.8)	0.36 (9.2)
RR Count	1 or 2	3	4	6	8	12
Weight - lb/kft (kg/km)	23.2 (34.6)	27.3 (40.6)	30.1 (44.9)	35.8 (53.3)	42.6 (63.4)	60.8 (90.6)
Compressive Load	10 N/mm					
Tensile Rating - lbf (N)	150 (660)		300 (1320)			
Fire Test CPR	Cca- s1a, d1, a1					
DoP Lookup: https://sales.nar.lightera.com/cpr	RB58-012-A-D RB58-024-A-D	RB62-036-A-D	RB66-048-A-D	RB72-072-A-D	RB78-096-A-D	RB92-144-
Fire Test UL	UL 1666 (OFNR) and FT-4					
Handling Temperature	Installation: -30 °C to +60 °C (-22 °F to 140 °F) Operation: -40 °C to +70 °C (-40 °F to 158 °F) Storage and Shipping: -40 °C to +70 °C (-40 °F to 158 °F)					
Performance Standard	The R-Pack Rollable Ribbon LSZH Dual Rated Backbone Cable tested to Telcordia GR-409 Vertical Backbone Mechanical and ICEA-S-104-696 Environmental Tests					

Fiber Type²

Single-Mode

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

Multimode

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 RR LSZH Dual Rated Backbone Cable Ordering Information

Example	RB58-024A-WDY-4-12-250¹
Part Number	RBNN-NNNV-WXY-Z-UU-DDD
RB	R-Pack LSZH Dual Rated Backbone Cable
NN	Cable Size 58 = 5.8 mm 62 = 6.2 mm 66 = 6.6 mm 72 = 7.2 mm 78 = 7.8 mm 92 = 9.2 mm
NNN	Fiber Count 012, 024, 036, 048, 072, 096, 144
V	Version (See Chart)
W	Fiber Type (See Chart)
X	Jacket Material (Flame Retardant) D = Dual Rated (OFNR and CPR)
Y	Jacket Color K = Black Y = Yellow A = Aqua L = Lime
Z	Maximum Cable Attenuation (See Chart)
UU	Fiber Groupings or Ribbon Type = 08, 12 or 16
DDD	Fiber Outer Diameter = 200 or 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. Lightera R-PACK™ ALLWAVE® FLEX+ ZWP BIF G.657.A2 OPTICAL CABLE -C- RB58-024A-WDY-4-12-250 9/125 OFNG-FT4-ST1 c (UL) OFNR-ST1 LSZH CPR {Lot No} {LENGTH IN FEET}
Contact Information	For additional information please contact your sales representative. You can also visit our website at www.lightera.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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