

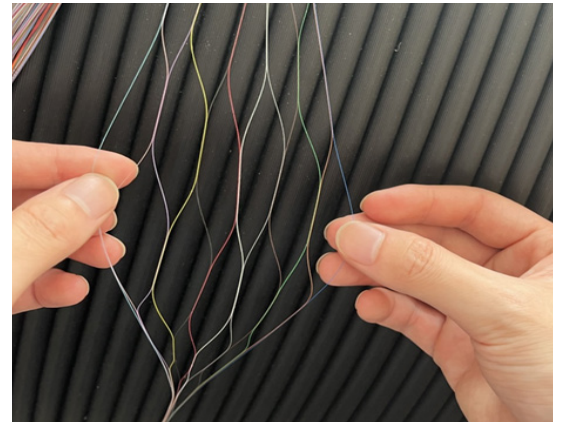
Speedy Ribbon Optical Cable

Save duct resources with higher fiber densities

ACENTURY
RADIOCOMM

Speedy ribbon cables increases fiber density by up to four times.

Traditionally flat optical fiber ribbons are encapsulated completely in coating resin, limiting their overall compactness. Radiocomm Speedy Ribbon Cable **increases fiber density by up to four times** and **reduces the outer diameter (OD) by up to 44%**. It uses an intermittent bonding process, enabling fiber bundles to be rolled into roundly-shaped subgroups to achieve a higher fiber density compared to the flat ribbons. The resulting cable can be used for duct, direct buried and micro duct blowing installation using high pressure air flow.



Features and Benefits

- Supports G.657A1/A2 optical fibers
- Maximum fiber count up to 864F
- Intermittently bonded optical ribbons reduce the size of the optical cable and create high fiber density
- Various options available: All-dielectric and light structure, lightning and electricity protection, and armored structures for extreme environments
- Dry, environment-friendly material design with excellent water-resistant performance
- Special designs to meet the requirements of both 'air-blown' and 'pull' installation methods
- Rigid rods inside the outer sheath provide better strength and stiffness attributes for air-blown crash resistance. Also ensures better pull installation efficiency
- Special air groove design to improve air-blown installation efficiency
- Overall, speedy ribbon cable saves installation time, offers installation flexibility, and reduces construction cost

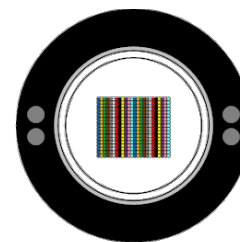
How it works

The Speedy Ribbons (SR) are rolled to form a compact fiber bundle. This helps achieve smaller sizes, larger number of cores, and higher fiber densities, resulting in more fiber ribbons in the same cable diameter.

- Installation method: pulling or air-blown
- Applicable duct: inner diameter of 20mm
- Air-blown length: 2000m for cables up to 576F and 1500m for 864F cable

Traditional Ribbon vs. Speedy Cable Ribbon

1. Compared to the traditional ribbon cables, the Speedy Ribbon cables offer higher fiber density which improves space efficiency.
2. The Speedy Ribbon structure simplifies mass fusion splicing, making it faster and more efficient to deploy.
3. The compact size of Speedy Ribbon cables enhances its bending performance, contributing to significant advantages in transportation and installation.

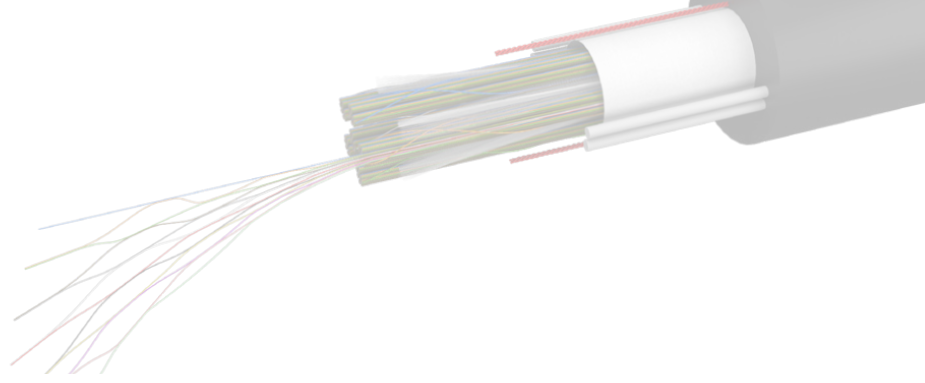


Traditional Ribbon



SR Speedy Ribbon

DATASHEET



Speedy Ribbon Optical Cable Fiber Table

Part No.	Fiber Count	# of Ribbons	# of Ribbon Groups	Outer Diameter
GYCDXP-144B6a1/B6a2DZ	144	12	2	10.4 mm
GYCDXP-288B6a1/B6a2DZ	288	24	4	10.9 mm
GYCDXP-432B6a1/B6a2DZ	432	36	6	11.8 mm
GYCDXP-864B6a1/B6a2DZ	864	72	12	14.3 mm

Notes:

1. All Speedy Ribbon cables above are totally dry microduct cables.
2. Each ribbon contains 12 fibers.
3. Every six ribbons are grouped together using binder yarn of different colours.
4. There are 2 different types of fiber choices, G657A1 and G657A2. G657A1 is B6a1. G657A2 is B6a2.

