

Outdoor Optical Fiber Cable Catalog

Loose tube · ribbon · ADSS · figure-8 · microduct — 2F to 1,728F

10 cable families

2F - 1728F

ANSI/ICEA S-87-640

Telcordia GR-20

The outdoor portfolio distributed by Reubens Choice LLC spans every common aerial, duct and direct-buried deployment. The table below is the selection reference: pick the construction that matches the installation method, then request the individual datasheet for full mechanical, optical and dimensional data. All families are available with G.652D or G.657A1 / A2 fiber.

Cable code	Construction	Fiber count	Application	Standards
GCYFTY	Loose tube, all-dielectric, dry core, micro air blown	2F - 864F	Outdoor microduct	ANSI/ICEA S-87-640 · Telcordia GR-20
GYFS	Loose tube, gel-free, single jacket, single armoured	2F - 864F	Outdoor lashed aerial and duct	ANSI/ICEA S-87-640 · Telcordia GR-20
GYFY	Loose tube, gel-free, single jacket, all-dielectric	2F - 864F	Outdoor lashed aerial and duct	ANSI/ICEA S-87-640 · Telcordia GR-20
GYFY53	Loose tube, gel-free, double jacket, single armoured	2F - 864F	Outdoor duct and direct-buried	ANSI/ICEA S-87-640 · Telcordia GR-20
GYFDTS	Ribbon, half-dry, single jacket, single armoured	12F - 1,728F	Outdoor duct	ANSI/ICEA S-87-640 · Telcordia GR-20
GYFDTY	Ribbon, half-dry, single jacket, all-dielectric	12F - 1,728F	Outdoor duct	ANSI/ICEA S-87-640 · Telcordia GR-20
GYFDXTY	Ribbon, half-dry, single buffer tube, single jacket, all-dielectric	12F - 432F	Outdoor aerial and duct	ANSI/ICEA S-87-640 · Telcordia GR-20
ADSS	Loose tube, all-dielectric, self-supporting	2F - 864F	Outdoor self-supporting aerial	ANSI/ICEA S-87-640
GYFTC8S	Figure-8, half-dry, self-supporting	2F - 864F	Outdoor self-supporting aerial	ANSI/ICEA S-87-640
GYFXC8Y	Indoor/outdoor, gel-free, toneable	2F - 24F	Indoor/outdoor aerial and duct	ANSI/ICEA S-110-717 · Telcordia GR-20

High-density ribbon — separate series

Beyond the outdoor families above, the GYFDXBPH special ribbon series reaches 6,912 fibers in a single 41.6 mm cable using stacked 16F and 12F ribbons, for AI data centre interconnect and metro trunks. Request the GYFDXBPH datasheet.

How to choose

- **Aerial, no messenger available** — ADSS (self-supporting span) or GYFTC8S (figure-8).
- **Aerial, lashed to existing messenger** — GYFY (all-dielectric) or GYFS (armoured).
- **Duct, standard density** — GYFY for all-dielectric runs; GYFY53 where direct burial or rodent exposure applies.
- **Duct, saturated infrastructure** — GCYFTY microduct with 200 µm fiber recovers duct space without new civil works.
- **Duct, high fiber count** — GYFDTY / GYFDTS ribbon up to 1,728F; GYFDXBPH beyond that.
- **Building entry and indoor transitions** — GYFXC8Y, toneable for locating.

Supplied with every shipment

- Factory optical test reports per drum, traceable by cable ID
- Compliance documentation for the applicable ANSI/ICEA and Telcordia standards

- Sheath marking with manufacturer, cable type, year, ID and sequential length

■ Standards and compliance

Manufactured to ANSI/ICEA S-87-640 and Telcordia GR-20 by Nanjing Wasin Fujikura Optical Communication Ltd. Distributed in Mercosur and LATAM by Reubens Choice LLC. Every shipment ships with factory test reports and compliance documentation.

Ordering and technical support. Contact Reubens Choice LLC for pricing, lead times, drum lengths, sheath options (LSZH / PE / HDPE) and custom fiber counts. When requesting a quotation, specify cable code, fiber count, fiber type and required length per drum.