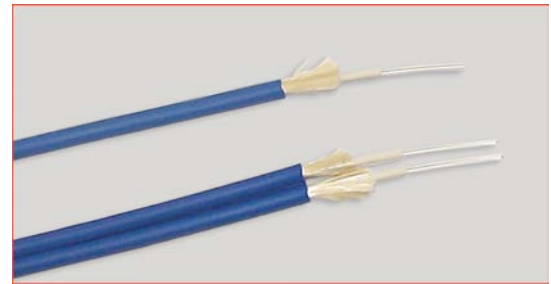# GigaPOF® Cable
Perfluorinated POF premises cable

Extremely durable, gigabit-capable cables made from Chromis Fiberoptics GigaPOF® line of IR-transparent plastic optical fibers. Available in simplex and duplex zipcord with 50 µm, 62.5 µm, and 120 µm core sizes.
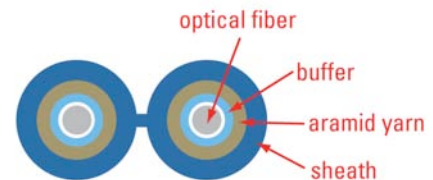
Revolutionary performance in a familiar package

Chromis GigaPOF® plastic optical fiber cables combine the unique abilities of the Chromis GigaPOF® fiber line with time-tested, familiar cable designs. Available with either riser or plenum-rated lead-free PVC jacketing and buffering materials, GigaPOF® cables offer unique tight-bending performance, with minimum bend rating as low as 5 mm. When combined with our field-installable crimp-on connectors, GigaPOF® cables are far and away the simplest and most durable 10-gigabit solution available anywhere. With rated storage and operating temperature ranges from –20 °C to +70 °C, GigaPOF® cables are capable to serve almost any indoor application.

Features and applications

» Compatible with crimp-on connectors and traditional glue-on connectors in LC and SC form factor

» Rapid and simple field fabrication of custom assemblies

» Tight-bending patchcords and pigtails

» Quick, simple, and low-cost installation of cabling for data center and building LAN

» 50 µm and 62.5 µm POF cables compatible with standard transceivers up to 10 Gb/s

Simplex

Duplex Zipcord

(labels: optical fiber, buffer, aramid yarn, sheath)

Other cable structures—as well as custom cables—are also available. Please contact us for details.

Mechanical Specifications

Fiber Core Diameter (µm)	Sheath Color * (Riser or Plenum)	Fiber Count	Diameter (mm)	Weight (kg/km)	Pull Load (N) Install/Operate	Bend Radius (mm) Install/Operate
50	Aqua	1	2.9	5.9	600/100	5.0/7.0
62.5	Blue	1	2.9	5.9	600/100	5.0/7.0
120	Purple	1	2.9	5.9	600/100	5.0/10.0
50	Aqua	2	2.9 x 5.8	11.7	1000/200	5.0/7.0
62.5	Blue	2	2.9 x 5.8	11.7	1000/200	5.0/7.0
120	Purple	2	2.9 x 5.8	11.7	1000/200	5.0/10.0

* Custom colors and printing available