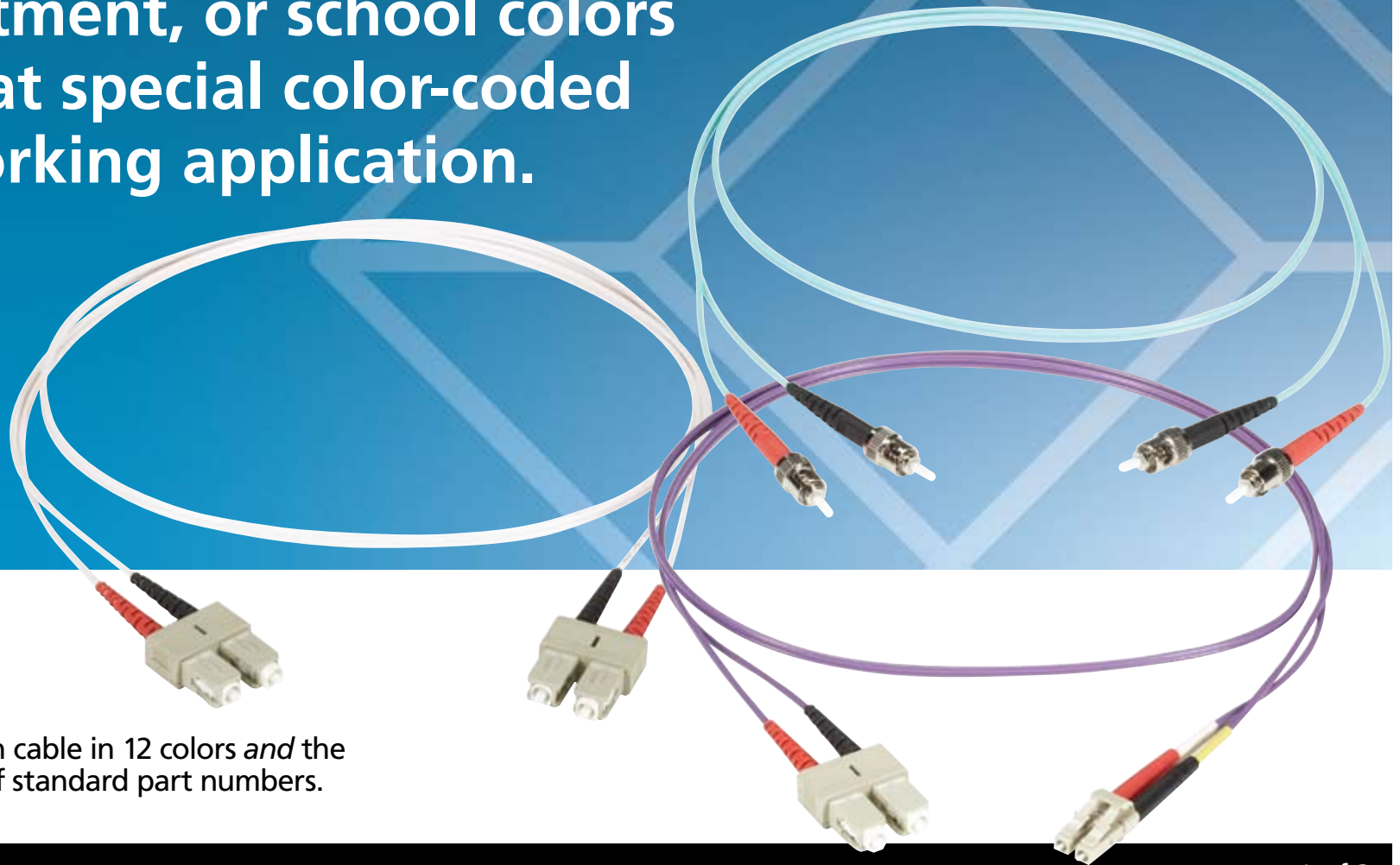## Multicolor Fiber Optic Patch Cables

Match your company, department, or school colors for that special color-coded networking application.

Get fiber patch cable in 12 colors *and* the convenience of standard part numbers.

FEATURES

» Choose 62.5-, 50-, 10-GbE 50-, and 9-micron cable with 4 different connectors, 12 colors, and 13 lengths.
» Ideal for color-coded applications.
» Higher data aggregation in the backbone, riser, and high-speed parallel interconnects (HSPIs).
» Full compatibility with the broad range of laser-based and legacy protocols and applications.
» Industry-leading CPC® coatings for superior microbend and environmental performance.

Get fiber patch cables in 12 different colors without the hassle of placing a custom order.

LC connector

ST connector

MT-RJ connector

SC connector

OVERVIEW

Matching fiber patch cable to your company, department, or school colors, or that special color-coded networking application is now much easier with Black Box Multicolor Fiber Patch Cables.

Color your world.

These cables come in 12 standard colors that are ideal for color-coding applications, users, security levels, and more from the data center to the desktop. With 12 colors to choose from, you have lots of options. For instance, you can use red to indicate secure lines and blue for unsecure lines. Or use green for finance and white for customer service.

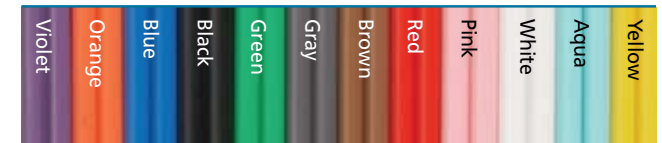### Choose the core, connectors, colors, and length you want.

Core:	• 62.5-micron multimode
	• 50-micron multimode
	• 50-micron multimode, 10-GbE OM3
	• 9-micron single-mode
Connectors:	• ST, SC, LC, and MT-RJ in 10 combinations
Colors:	• 12 colors
Length:	• 13 lengths ranging from 1 to 30 meters

Once you've decided what type of cable you want, look at the charts on **page 3** to see how to build your cable part number. It's super easy and super convenient. No need to get a custom quote.

Top quality

You can be assured of high performance at all levels. The cables comply with a variety of industry standards.

Choose from 12 standard colors!

Violet · Orange · Blue · Black · Green · Gray · Brown · Red · Pink · White · Aqua · Yellow

TECH SPECS

Attenuation —
62.5-µm:
850 nm: ≤ 2.9 dB/km;
1300 nm: ≤ 0.6 dB/km;
50-µm PVC: 850 nm: ≤ 2.4 dB/km;
1300 nm: ≤ 0.7 dB/km;
10-GbE 50-µm PVC:
850 nm: ≤ 2.3 dB/km;
1300 nm: ≤ 0.6 dB/km;
9-µm: 1310 nm: 0.33–0.35 dB/km;
1383 nm: 0.31–0.35 dB/km;
1550 nm: 0.19–0.20 dB/km;
1625 nm: 0.20–0.23 dB/km

Bandwidth — 62.5-µm:
Intermediate performance EMB:
850 nm: 220 MHz/km;
Legacy performance EMB:
850 nm: 200 MHz/km;
1300 nm: 500 MHz/km;
50-µm: Intermediate
performance EMB:
850 nm: 510 MHz/km;
Legacy performance EMB:
850 nm: 500 MHz/km;
1300 nm: 500 MHz/km;
10-GbE 50-µm: EMB:
850 nm: 2000 MHz/km;
Legacy performance EMB:
850 nm: 1500 MHz/km;
1300 nm: 500 MHz/km

Cladding Diameter — 125 µm

Core Diameter — 62.5 µm, 50 µm, or 9 µm

Operating Temperature —
14 to 158° F (-10 to +70° C);

Optimized Data Rate —
62.5-µm:
850 nm: 1 Gbps over 300 m;
1300 nm: 1 Gbps over 550 m;
50-µm: 1 Gbps over 600 m;
10-GbE 50-µm: 1 Gbps over
1000 m at 850 nm;
10-Gbps at 300 m at 850 nm

Standards — 62.5-µm:
ISO/IEC 11801: Type OM1 fiber;
IEC 60793-2-10: Type A1b fiber;
TIA/EIA: 492AAAA-A;
50-µm PVC: ISO/IEC 11801:
Type OM2 fiber;
IEC 60793-2-10:
Type A1a.1 fiber;
TIA/EIA: 492AAAB;
10-GbE 50-µm PVC:
ISO/IEC 11801:
Type OM3 fiber;
Type A1a.2
TIA/EIA: 492AAAC-B
Single-mode: ITU-T G.652
(Categories A, B, C, D);
IEC 60793-2-50 Type B1.3;
TIA/EIA 492-CAAB;
Telecordia GR-20

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FOCMR62-001M-STSC-PK

FOCMP62-001M-STLC-GR

How to order these cables:

FO	CMR	50	-001	*M-*	STST-	BL
▼	▼	▼	▼	▼	▼	▼
Constant	Jacket	Core Size	Length	*Constant*	Connectors	Color

1 FO (constant).

2 Pick your jacket type.

3 Select the appropriate core size.

4 Determine length.

5 M- (constant for meters).

6 Pick your connectors.

7 Decide on the cable color.

(For the range of choices, see **below**.)

NOTE: Cables are not returnable.

Item	Code
Multicolor Fiber Optic Patch Cables	**See chart below.**

To order, call Customer Service at 724-746-5500.

Buyer's Guide | Multicolor Fiber Optic Patch Cables

1 (Constant)	**2** Jacket	**3** Core Size	**4** Length*	**5** Connectors	**6** Color
FO	CMR (PVC)	62- (62.5 Micron)	001M- (1 Meter)	STST- (ST to ST)	BL (Blue)
	CMP (Plenum)	50- (50 Micron)	002M- (2 Meters)	SCSC- (SC to SC)	OR (Orange)
		SM- (Single-Mode)	003M- (3 Meters)	LCLC- (LC to LC)	GN (Green)
		10- (10-Gigabit Laser-Optimized)	004M- (4 Meters)	MTMT- (MT-RJ to MT-RJ)	BR (Brown)
			005M- (5 Meters)	STSC- (ST to SC)	GR (Gray)
			006M- (6 Meters)	STLC- (ST to LC)	WH (White)
			007M- (7 Meters)	STMT- (ST to MT-RJ)	RD (Red)
			008M- (8 Meters)	SCLC- (SC to LC)	BK (Black)
			010M- (10 Meters)	LCMT- (LC to MT-RJ)	YL (Yellow)
			015M- (15 Meters)	SCMT- (SC to MT-RJ)	VT (Violet)
			020M- (20 Meters)		PK (Pink)
			025M- (25 Meters)		AQ (Aqua)
			030M- (30 Meters)		

Examples of fiber optic cable codes:

FOCMR62-001M-STST-BL = Cable with a PVC jacket, 62.5-micron core, 1-meter length, ST–ST connectors in blue.

FOCMP50-008M-STLC-OR = Cable with a plenum jacket, 50-micron core, 8-meter length, ST–LC connectors in orange.

FOCMRSM-030M-SCLC-YL = Cable with a PVC jacket, 9-micron core, 30-meter length, SC–LC connectors in yellow.

** NOTE: If you wish to order a cable with a length other than those specified here, such as 12 feet, please call Customer Service at **724-746-5500**.*

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