

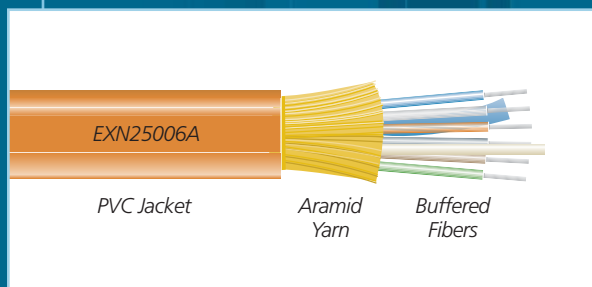
Multimode, 50-Micron, Distribution-Style Bulk Fiber Optic Cable



Here's the tight-buffered, distribution-style 50-micron cable you want with high fiber counts.

FEATURES

- Designed for backbone, horizontal, and interbuilding installations.
- High-performance, tight-buffer coating on each fiber provides environmental and mechanical protection.
- Suitable for indoor use. It's flame-retardant, and fungus-, water-, and UV-resistant.
- Economical for long-distance runs.
- Features an easily strippable 900- μ m coating for convenient handling.
- Flexible subunit design enables easy routing of group fibers. Includes tight-buffered, single-jacket construction with subunits holding up to 12 fibers each.
- Construction consists of: outer jacket, binder, subunit jacket, subunit aramid yarn, strength member, tight-buffered fibers, and a ripcord.
- Both PVC and plenum cable are rated for fire safety.



TECH SPECS

Attenuation (Maximum) — 3.5/1.0 dB/km @ 850/1300 nm

Bandwidth (Minimum) — 500/500 MHz-km @ 850/1300 nm

Bend Radius — PVC: 2-Fiber: 3.7" (9.4 cm) installation, 2.8" (7.1 cm) operating;

4-Fiber: 4.4" (11.2 cm) installation, 3.3" (8.4 cm) operating;
6-Fiber: 4.7" (11.9 cm) installation, 3.5" (8.9 cm) operating;
8-Fiber: 4.9" (12.4 cm) installation, 3.7" (9.4 cm) operating;
12-Fiber: 5.5" (14 cm) installation, 4.1" (10.4 cm) operating;
24-Fiber: 10.3" (26.2 cm) installation, 7.7" (19.6 cm) operating;
36-Fiber: 12.5" (31.8 cm) installation, 9.3" (23.6 cm) operating;

Plenum: 4-Fiber: 3.4" (8.6 cm) installation, 2.6" (6.6 cm) operating;
6-Fiber: 3.8" (9.7 cm) installation, 2.8" (7.1 cm) operating;
8-Fiber: 4" (10.2 cm) installation, 2.9" (7.4 cm) operating;
12-Fiber: 4.6" (11.7 cm) installation, 3.8" (9.7 cm) operating;
24-Fiber: 8" (20.3 cm) installation, 6" (15.2 cm) operating;
36-Fiber: 10" (25.4 cm) installation, 7.5" (19.1 cm) operating

Buffer Diameter — 900 μ m

Fiber Type — Multimode, 50/125 μ m

Pulling Strength — 2-Fiber: 800 Newtons/180 lb.;

4- and 6-Fiber: 1000 Newtons/225 lb.;;
8-Fiber: 1400 Newtons/315 lb.;;
12-Fiber: 1800 Newtons/405 lb.;;
24-Fiber: 2700 Newtons/600 lb.;;
36-Fiber: 4000 Newtons/900 lb.;

Standards — PVC: UL[®] 1666, CSA FT4; Plenum: UL 910, CSA FT6;

All: IEEE 802.3 for 1000BASE-SX/LX, 100BASE-F, 10BASE-F, ATM 155, ATM 622, ATM 1.2/2.4 Gbps, Fibre Channel FC-PH, IEEE 802.5, FDDI, ICEA 83-596, EIA/TIA-568-B

Tension (Operating) — 2-Fiber: 250 Newtons/56 lb.;

4- and 6-Fiber: 400 Newtons/91 lb.;;
8-Fiber: 463 Newtons/104 lb.;;
12-Fiber: 600 Newtons/135 lb.;;
24-Fiber: 1110 Newtons/250 lb.;;
36-Fiber: 2000 Newtons/450 lb.;

Vertical Rise — PVC: 2-Fiber: 2987 ft. (910.4 m);

4-Fiber: 3832 ft. (1168 m);
6-Fiber: 3467 ft. (1056.7 m);
8-Fiber: 3617 ft. (1102.5 m);
12-Fiber: 3600 ft. (1097.3 m);
24-Fiber: 2227 ft. (678.8 m);
36-Fiber: 2515 ft. (766.6 m);

Plenum: 4-Fiber: 5200 ft. (1585 m);
6-Fiber: 4853 ft. (1479.2 m);
8-Fiber: 4622 ft. (1408.8 m);
12-Fiber: 4909 ft. (1496.3 m);
24-Fiber: 3006 ft. (916.2 m);
36-Fiber: 3133 ft. (954.9 m)

Temperature — Operating: -4 to +176°F (-20 to +80°C);

Storage: -40 to +176°F (-40 to +80°C);

Installation: 32 to 122°F (0 to 50°C)

Cable Size — PVC: 2-Fiber: 0.187" (4.75 mm);

4-Fiber: 0.22" (5.59 mm);
6-Fiber: 0.235" (5.97 mm);
8-Fiber: 0.245" (6.22 mm);
12-Fiber: 0.275" (6.99 mm);
24-Fiber: 0.516" (13.11 mm);
36-Fiber: 0.623" (15.82 mm);

Plenum: 4-Fiber: 0.17" (4.32 mm);
6-Fiber: 0.185" (4.7 mm);
8-Fiber: 0.195" (4.95 mm);
12-Fiber: 0.23" (5.84 mm);
24-Fiber: 0.4" (10.16 mm);
36-Fiber: 0.502" (12.75 mm)

Item	Code
Multimode, 50-Micron, Distribution-Style Bulk Fiber Optic Cable	
PVC, Riser (OFNR/FT4)	
2-Fiber Custom Lengths	EXN25002A
4-Fiber Custom Lengths	EXN25004A
6-Fiber Custom Lengths	EXN25006A
8-Fiber Custom Lengths	EXN25008A
12-Fiber 500-ft. (152.4-m)	EXN25012A-0500
Custom Lengths	EXN25012A
24-Fiber 500-ft. (152.4-m)	EXN25024A-0500
Custom Lengths	EXN25024A
36-Fiber Custom Lengths	EXN25036A
Plenum (OFNP/FT6)	
4-Fiber Custom Lengths	EXP25004A
6-Fiber Custom Lengths	EXP25006A
8-Fiber Custom Lengths	EXP25008A
12-Fiber 500-ft. (152.4-m)	EXP25012A-0500
Custom Lengths	EXP25012A
24-Fiber Custom Lengths	EXP25024A
36-Fiber Custom Lengths	EXP25036A

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Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p. m. and you need help, but your vendor's tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

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