



Price List for Low-Voltage Communication Optical Cables

Article Overview

Low-voltage optical cable prices range from \$0.02 to \$6 per foot depending on type, fiber count, and volume purchased.

Typical Pricing

o Fiber-optic cables: Retail prices range from \$1 to \$6 per foot, while wholesale bulk purchases can be as low as \$0.09 to \$1.52 per foot. Simple 1-core FTTH drop cables cost around \$0.13 per foot, whereas high-count backbone cables (e.g., 288 strands) can reach \$6 per foot .

o Per-meter pricing: Standard single-mode cables can cost \$0.10 per meter for large-volume orders (10,000+ meters), while budget flat cables may be as low as \$0.02 per meter for smaller bulk orders (2,000+ meters), .

Factors Affecting Price

o Fiber Type and Count: Single-mode fiber is generally cheaper per foot than multimode fiber. Higher strand counts increase costs proportionally .

o Cable Construction: Indoor riser-rated cables are less expensive than plenum-rated or armored cables designed for harsh environments or direct burial .

o Materials: Glass fiber cores cost more than plastic optical fiber but provide superior speed and distance performance .

o Volume Discounts: Large orders often receive 30-70% discounts, significantly reducing per-meter costs .

o Additional Features: Shielding, insulation, jacket materials, and fire ratings can increase the price .

Practical Considerations

When budgeting for low-voltage optical cable, consider not only the base material cost but also installation, termination, and compatibility with existing infrastructure. Pre-terminated assemblies and patch cables are more expensive due to factory termination and connector types . In summary, low-voltage optical cable prices vary widely based on type, fiber count, construction, and order volume, with typical costs ranging from \$0.02/meter for basic bulk cables to \$6/foot for high-count, specialized fiber cables .

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High voltage cable VG-YLK - 10 kV - Cu.Low voltage braided cable, YMvKas 750 V - Cu.3- or 4-core.Included:supply and install



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