

Price of old-style armored optical cable



Article Overview

Old-style armored fiber optic cables typically range from \$0.35 to \$6.50 per foot depending on type, strand count, and installation environment.

Price Ranges by Cable Type

- Multimode (OM1/OM2/OM3/OM4) Armored Cables: \$0.35–\$6.50 per foot, with OM3/OM4 cables generally costing more due to higher performance and industrial-grade jackets (LSZH or TPU) for outdoor use .
- Singlemode (OS2) Armored Cables: \$0.90–\$4.95 per foot depending on core count and jacket type, with plenum, riser, and direct burial variants affecting the price .
- Vintage or used OM3 LC to LC armored cables (100m/328ft) are available around \$210–\$215 per 100 meters, which translates to roughly \$0.64–\$0.66 per foot .

Factors Affecting Price

- Strand Count: Higher fiber counts (e.g., 24, 48, 72 strands) increase cost per foot due to more glass and armor material .
- Jacket Material: LSZH jackets are 25–40% more expensive than standard PVC due to fire safety and low smoke requirements .
- Armor Type: Corrugated steel or interlocking aluminum armor adds durability for outdoor or direct burial applications, increasing cost .
- Installation Environment: Outdoor, direct burial, or industrial-grade cables are priced higher than indoor plenum or riser-rated cables .
- Pre-Terminated vs. Bulk: Pre-terminated cables add 20–30% to material cost but reduce labor expenses significantly

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Main cost drivers include cable grade (indoor vs outdoor, armoured), distance, and labor for trenching, splicing, and

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