# Cable Conduit - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-06-01 | 120 pages | Mordor Intelligence

**AVAILABLE LICENSES:**

- Single User License $4750.00
- Team License (1-7 Users) $5250.00
- Site License $6500.00
- Corporate License $8750.00

**Report description:**

Cable Conduit Market Analysis

The cable conduit market stands at USD 7.96 billion in 2025 and is forecast to reach USD 12.68 billion by 2030, registering a robust 9.70% CAGR. The uptick is powered by surging AI-ready data-center construction, utility-scale renewable roll-outs, and city-wide grid-hardening programs that require reliable raceways for complex wiring. Flexible, corrosion-resistant non-metallic raceways are helping contractors trim labor and lifecycle costs even as steel tariffs inflate metallic prices. Growing cyber-physical security mandates, stronger surge-protection rules, and environmental product declarations now guide purchase decisions, lifting premium demand in the cable conduit market. Emerging smart-city mega-projects across Asia and the Middle East, paired with North American grid investments, cement a long-term expansion runway for the cable conduit market.

Global Cable Conduit Market Trends and Insights

Demand for Highly Secure and Safe Wiring Systems

Digitally integrated plants now rely on PLCs and variable-frequency drives that are highly sensitive to electromagnetic noise. Upcoming 2026 National Electrical Code revisions aggregate limited-energy provisions into Chapter 7, elevating scrutiny on conduit shielding for safety-related circuits. Surveys show 26% of facilities experienced safety-system failures tied to unmitigated surges, fuelling premium for EMI-shielded steel conduit. Automotive lines illustrate the effect, where retrofit projects replace legacy plastic raceways with flexible metal options that maintain production uptime during high-speed quality checks. Heightened cybersecurity norms reinforce this preference, linking conduit selection directly to operational resilience across the cable conduit market.

Rapid Growth in Commercial Construction Projects

Commercial floor-space additions hit a six-year high in 2024, with data-center spend climbing to USD 31.5 billion. Hyperscale campuses in Georgia and Louisiana dedicate nearly one-quarter of their electrical budgets to cable containment. Simultaneously, U.S. hospital expansions specify fire-rated antimicrobial conduits to satisfy Joint Commission audits, driving specialty demand within the cable conduit market. The updated ANSI/TIA-942-C standard separates pathways for copper, fiber, and power cabling, which lengthens total raceway footage for every new data hall. Contractors, therefore, favor flexible non-metallic lines that bend quickly and pass inspection with fewer fittings, shaving days off compressed build schedules.

Volatility in Steel, Aluminum and PVC Resin Prices

New 25% import tariffs have inflated steel and aluminum conduit quotes by 14-22%, squeezing contractor margins. Atkore's Q1 2025 electrical revenue fell 21.6% as average selling price declined and volumes weakened, with a USD 162 million HDPE impairment tied to broadband-funding delays. Resin costs climbed after Gulf-Coast outages, lifting PVC conduit pricing 9%. Contractors insert escalation clauses and pivot toward non-metallic lines where code permits, yet supply chain swings persist, tempering short-term outlook for the cable conduit market.

Other drivers and restraints analyzed in the detailed report include:

Rise in Data-Center Build-Outs Worldwide / Urban-Infrastructure and Smart-City Investments / Substitution Risk from Cable-Tray and Modular Raceway Systems /

For complete list of drivers and restraints, kindly check the Table Of Contents.

Segment Analysis

Rigid metallic conduit still owns 59% of 2024 revenue, reflecting regulatory mandates in hazardous and structural circuits. Flexible options, advancing at a 9.8% CAGR, help electricians navigate congested ceilings and prefabricated pods with fewer elbows and couplings. Liquid-tight flexible metallic conduit meets UL 360 ingress protection, rivaling rigid in harsh zones. Field trials show one trade-size-1 run with ten 90-degree elbows takes 58 minutes in rigid but only 23 minutes using LFMC, a 60% labor saving. Hybrid product lines that bundle transition fittings, speed inspections, and support cross-trade prefabrication. The cable conduit market size for flexible products is on track to reach USD 4.2 billion by 2030, equal to roughly one-third of total sales.

A Texas refinery expansion illustrates dual sourcing: 15,000 feet of rigid stainless conduit secured classified areas, while 8,000 feet of LFMC handled vibration-prone pump skids, underlining application-specific selection rather than blanket cost-cutting across the cable conduit market.

Non-metallic raceways, led by PVC and HDPE, commanded 48.5% revenue in 2024 and will outpace overall cable conduit market growth at 9.6% CAGR. PVC's flame-retardant and low-smoke properties make it a default in commercial interiors, while HDPE's tensile resilience dominates long-pull duct banks. Specialty PA-12/Nylon retains niches in EV-battery lines despite supply bottlenecks. Atkore's Environmental Product Declarations allow architects to quantify embodied-carbon savings when specifying recycled-content PVC blends.

Metallic alternatives remain essential for EMI shielding and grounding. Stainless types cost twice PVC yet slash wash-down maintenance in food plants, recouping premium within five years. The cable conduit market size for non-metallic variants is projected to exceed USD 6 billion by 2030, cementing their leading role in greenfield and retrofit programs.

The Cable Conduit Systems Market Report Analysis is Segmented by Product (Right Conduit, Flexible Conduit, and Specialty Conduit), Material (Metallic and Non-Metallic), End-User Industry (Construction, IT and Telecommunications, Data Centers, Energy and Utilities, Manufacturing, and More), Installation Environment (Indoor, Outdoor, Underground, and More), and Geography.

Geography Analysis

North America leads with 31.4% revenue in 2024, driven by relentless data-center expansion and USD 8 billion grid-hardening following winter storm Uri. Tariff-driven metal inflation channels some projects toward PVC and HDPE, yet EMI-critical defense bases still single-source steel, sustaining a premium segment in the cable conduit market. Domestic mills ramp galvanized output to compress lead times from 12 to 7 weeks.

Asia-Pacific shows the quickest 9.9% CAGR thanks to China's vast underground "hidden-infrastructure" tunnels and India's Rs 960 billion transmission upgrade targeting 73,245 MW renewable capacity by 2030. China and India absorb 74% of the world's copper, mirroring their infrastructure appetite. Local converters add PVC extrusion lines to meet demand, while PA-12 imports remain vulnerable to trade disruptions.

Europe maintains steady growth on retrofit rebates and offshore-wind grids but faces energy-cost headwinds. Embodied-carbon caps incentivize recyclable aluminum conduit and EPD-certified PVC. Middle East and Africa climb on airport hubs, EV-charging corridors, and Gulf utility corridors mandating self-extinguishing plastic raceways. Latin America is mixed; Brazil's offshore pre-salt fields require stainless sub-seabed conduit, creating smaller yet profitable pools in the cable conduit market.

List of Companies Covered in this Report:

Atkore International / ABB Ltd. (incl. Thomas and Betts) / Schneider Electric SE / Eaton Corporation plc / Legrand SA / Hubbell Incorporated / Aliaxis Group / Robroy Industries / Electri-Flex Company / Champion Fiberglass Inc. / Dura-Line Holdings Inc. / Prime Conduit Inc. / FLEXA GmbH / HellermannTyton Group / Allied Tube and Conduit (Atkore) / AFC Cable Systems (Atkore) / Dietzel Univolt / Sekisui Chemical Co., Ltd. / Calbond (Atkore) / Weyer Electric Systems /

Additional Benefits:

The market estimate (ME) sheet in Excel format /
3 months of analyst support /

**Table of Contents:**

6 COMPETITIVE LANDSCAPE
6.1 Market Concentration
6.2 Strategic Moves
6.3 Market Share Analysis
6.4 Company Profiles (includes Global level Overview, Market level overview, Core Segments, Financials as available, Strategic Information, Market Rank/Share for key companies, Products and Services, and Recent Developments)
6.4.1 Atkore International
6.4.2 ABB Ltd. (incl. Thomas and Betts)
6.4.3 Schneider Electric SE
6.4.4 Eaton Corporation plc
6.4.5 Legrand SA
6.4.6 Hubbell Incorporated
6.4.7 Aliaxis Group
6.4.8 Robroy Industries
6.4.9 Electri-Flex Company
6.4.10 Champion Fiberglass Inc.
6.4.11 Dura-Line Holdings Inc.
6.4.12 Prime Conduit Inc.
6.4.13 FLEXA GmbH
6.4.14 HellermannTyton Group
6.4.15 Allied Tube and Conduit (Atkore)
6.4.16 AFC Cable Systems (Atkore)
6.4.17 Dietzel Univolt
6.4.18 Sekisui Chemical Co., Ltd.
6.4.19 Calbond (Atkore)
6.4.20 Weyer Electric Systems

7 MARKET OPPORTUNITIES AND FUTURE OUTLOOK
7.1 White-space and Unmet-need Assessment

SCOTTS INTERNATIONAL

# Cable Conduit - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-06-01 | 120 pages | Mordor Intelligence

To place an Order with Scotts International:
-  - Print this form
-  - Complete the relevant blank fields and sign
-  - Send as a scanned email to support@scotts-international.com

**ORDER FORM:**

| Select license | License | Price |
|---|---|---|
| | Single User License | $4750.00 |
| | Team License (1-7 Users) | $5250.00 |
| | Site License | $6500.00 |
| | Corporate License | $8750.00 |
| | VAT | |
| | Total | |

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

| | | | |
|---|---|---|---|
| Email* | | Phone* | |
| First Name* | | Last Name* | |
| Job title* | | | |
| Company Name* | | EU Vat / Tax ID / NIP number* | |
| Address* | | City* | |
| Zip Code* | | Country* | |
| | | Date | 2026-03-04 |
| | | Signature | |

**Scotts International. EU Vat number: PL 6772247784**
tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com