

For the **13th** consecutive year, Charles Industries has been named to Broadband Communities Magazine's annual list of the **Top 100 Fiber-to-the-Home (FTTH) Companies** for 2018



INNOVATIVE ENCLOSED SOLUTIONS™

www.CharlesIndustries.com

Annual lists published by Broadband Communities Magazine





FIBER-TO-THE-HOME TOP 100 LIST			
COMPANY	WEBSITE	PHONE	KEY PRODUCTS AND SERVICES
Charles Industries	www.charlesindustries.com	847-806-6300	Fiber optic distribution enclosures and cabinets, fiber aggregation and demarcation interconnects and hubs, fiber cross-connects, fiber rack solutions

Fiber-to-the-home leaders and innovators for 2018

A BBC Staff Report

“Building a Fiber-Connected World” is the tagline of **BROADBAND COMMUNITIES** magazine, and each year the FTTH Top 100 list recognizes organizations that lead the way in this arena.

PASSIVE COMPONENTS FOR FTTH NETWORKS (OUTSIDE PLANT AND INSIDE PLANT)

Charles Industries

www.charlesindustries.com
847-806-6300



Key Products: Fiber optic distribution enclosures and cabinets, fiber aggregation and demarcation interconnects and hubs, fiber cross-connects, fiber rack solutions

Summary: Celebrating its 50th anniversary in 2018, Charles Industries designs and manufactures buried distribution pedestals; indoor and outdoor power, battery and equipment cabinets; building terminals for both fiber and copper distribution; and below-grade handholes. The company serves telecommunications, wireless, broadband cable, municipal, utility and government service providers with end-to-end solutions tailored for rural and metro deployments. Charles focuses on creating solutions that lower the cost of deploying FTTH, shorten installation time frames and provide flexibility and reliability to fiber networks. Charles Fiber Pedestals, CUBE Cabinets, CFIT and CFBT Building Terminals, and TRUE Below-Grade Enclosures are compact and lightweight yet provide excellent technician access and user experience. In its fiber terminal portfolio, Charles recently introduced new configurations that include more-compact profiles for indoor and outdoor applications. Smaller footprints allow terminal placement in space-constrained equipment rooms and outdoor walls for fiber distribution at MDUs, strip malls, business parks and other multi-tenant locations. Founded in 1968, Charles Industries is privately held and headquartered in Rolling Meadows, Illinois, with U.S.-based engineering and manufacturing facilities.

It's no wonder the industry is expanding and the number of companies competing for the Top 100 slots continues to grow. That's great for the country as a whole, even if it makes life difficult for the editors who assemble this list.

The 2018 FTTH Top 100 list represents the whole fiber-to-the-home ecosystem. Optical fiber and fiber cables; passive equipment for connecting, protecting and managing fiber; and active equipment for sending and receiving signals over fiber are the most basic components of an FTTH network, along with software for planning, setting up and managing networks and for provisioning and billing fiber services. The list contains many companies that design, manufacture and distribute these essential products.

To put these pieces together requires firms that finance, plan, design, engineer, construct and install fiber optic networks, as well as those that make equipment for digging, pushing, pulling and attaching fiber. These, too, are represented on the list. Also included are a variety of organizations that advocate for better broadband or create conditions that make FTTH more profitable.

TOP 100 AT A GLANCE

Network Planning, Systems Integration, Design, Engineering, Construction, Installation	34
Fiber and Fiber Cable	37
Network Testing, Monitoring and Management Services	37
Network Management Solutions	39
Fiber-to-the-Home Electronics	45
Test and Measurement Equipment	52
Passive Components for FTTH Networks	55
Optical LAN Solutions	61
Network Planning and Design Solutions	66
Distributors of Fiber Optic Products	68
FTTH Construction Equipment	72
Network Deployers and Service Providers	73

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NEWS RELEASE

FOR IMMEDIATE RELEASE:

CHARLES INDUSTRIES NAMED TO BROADBAND COMMUNITIES MAGAZINE'S 2018 "TOP 100 FTTH COMPANIES" LIST

SCHAUMBURG, IL (August 8, 2018) – Charles Industries, Ltd., a leading provider of outside plant innovations for telecommunications, wireless, broadband cable and utility providers, has once again been named to Broadband Communities Magazine's [annual list of the Top 100 Fiber-to-the-Home \(FTTH\) Companies](#) as reported in the magazine's July 2018 issue. The list recognizes innovative firms that finance, plan, design, engineer, construct install and advocate for FTTH networks in the United States and beyond. First appearing in 2006, this year's list marks the 13th consecutive year Charles Industries has been named to Broadband Communities' FTTH Top 100.

Broadband Communities compiles its annual list of the Top 100 Broadband Companies through an editorial panel that reviews hundreds of organizations from around the world focusing on those doing business in North America. The Top 100 recognizes those companies that have contributed to the magazine's mission of "Building a Fiber-Connected World." Editors consider how important the organizations are to advancing fiber broadband rather than how important broadband is to the organization. This year's list recognizes many niches in the complex FTTH ecosystem, including; optical fiber and enclosures suppliers, optical electronic and software providers, design engineering and installation firms, network operators, nonprofits who assist communities, and distributors of fiber optic products.

Charles was recognized in the Passive Components for FTTH Networks – Outside Plant and Inside Plant category for developing innovative fiber distribution solutions, including Charles Universal Broadband Enclosures (CUBE), Charles Fiber Distribution Points (CFDP Pedestals), Buried Distribution Optical Pedestals (BDO Pedestals), Charles Fiber Flexibility Pedestals (CFFP), Charles Fiber Interconnect Terminals (CFIT), Charles Fiber Building Terminals (CFBT), Charles Fiber Cross-Connects (CFXC), and Charles Multi-Purpose Housings (CMPH).

BBC Top 100 FTTH Add One

“We are very pleased to be recognized by Broadband Communities for the 13th consecutive year as a Top 100 FTTH Company. As providers gear up for the release of 5G networks, and continue to expand their FTTH footprints to the furthest reaches of their subscriber areas, Charles is working hand-in-hand with their efforts by providing new enclosure solutions that protect their network assets,” said Joe Burke, vice president of sales for Charles’ Telecommunications.

“Charles constantly expands its fiber enclosure portfolio, allowing us to address our customers’ urgent deployment challenges with new and innovative solutions for universal fiber deployment,” stated Minesh Patel, vice president of Charles’ Outside Plant Business Unit. “In the past year, we’ve added new MDU fiber demarcation enclosures, building entrance housings for low-density fiber distribution, and concealment shrouds for aesthetic distribution of network equipment.” Many of these new Charles’ FTTH Solutions will be on display at the upcoming ISE EXPO 2018, August 15-16 in Denver, CO; and at Cable-Tec Expo 2018, October 23-25, in Atlanta, GA.

Charles Industries has provided the telecommunications, broadband cable, wireless and utilities markets with non-metallic distribution pedestals since 1968, and began offering fiber optic solutions in 2001. Broadband outside plant product lines include buried distribution pedestal and cabinet solutions for every fiber type (ribbon, loose buffer tube or central core tube) and distribution method (mechanical splice, fusion splice, or pre-connectorized).



About Charles Industries, Ltd.

2018 marks Charles Industries’ 50th year as a privately held, diversified manufacturing and technology company serving telecommunications, wireless, broadband cable, utility, marine and industrial markets. Founded in 1968, the company is ISO 9001:2008 and TL 9000 registered and headquartered in Schaumburg, Illinois with five additional U.S.-based manufacturing centers. For further information, please visit www.charlesindustries.com or call (847) 806-6300.

When it Comes to FTTX Fiber Enclosures, Charles Rises to the Occassion

Charles MDU FTTX Solutions



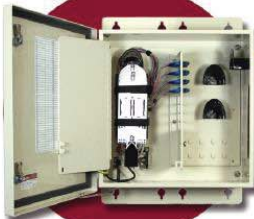
CFIT-FLEX
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(NEMA 4)

CFTT FIBER
TRANSITION
TERMINALS
(NID)



FIBER SPLITTERS,
TRAYS, ADAPTERS,
& ACCESSORIES

CFBT
INDOOR
TERMINALS
& HUBS
(NEMA 12)



CFIT
OUTDOOR
TERMINALS
& HUBS
(NEMA 4)

From the basement to the penthouse - Charles Industries offers a complete line of indoor and outdoor enclosures specifically designed for FTT-MDU applications. Designed with industry-leading flexibility in supported fiber types and splicing methods, Charles' compact and cost-efficient enclosure lines offer right-sized solutions for every network.



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