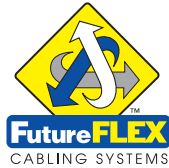


FutureFLEX[®]

Air-Blown Fiber for the Airport



The Fiber Optic LAN Infrastructure that Addresses the Technological, Budgetary, Regulatory, and Capacity Issues Facing Today's Airport Facilities.

Unlike Conventional Fiber Optic Infrastructures, FutureFLEX[®] Air-blown Fiber enables you to control network capacity, respond immediately to new FAA and TSA requirements, and upgrade your network quickly at the exact pace of emerging technology...while saving budget and/or taxpayer dollars.

Comparison Between Air-Blown Fiber and Conventional Cabling Infrastructures

	Air-Blown Fiber[®]	Conventional Cabling
Network Planning & Budget Control	<ul style="list-style-type: none"> • "Fiber on Demand," Pay-As-You-Go-Budgeting • Eliminates forecasting future technology requirements • Keeps exact pace of emerging technology • Fast and easy installation reduces and controls recurring costs for positive ROI 	<ul style="list-style-type: none"> • Investment in dark fiber • Requires guessing future network growth and other unpredictable variables • Risk of dark fiber becoming obsolete • Time and labor-intensive installations increase recurring costs, inhibiting ROI
Capacity Control, Scalability & Response Time	<ul style="list-style-type: none"> • Immediate scalability by quickly blowing any type of fiber bundle • Maximizes conduit space and fiber pathways for network moves, additions, and changes • Eliminates need for ever laying additional conduit • At speeds of up to 150 feet per minute, install fiber to quickly respond to FAA and TSA requirements 	<ul style="list-style-type: none"> • Requires installation of additional cable, often taking weeks or months to plan and install • Consumes conduit space, limiting network expansion, fiber count, and potential capacity • Leads to congestion, requiring installation of additional conduit • Security upgrades reported to take up to "12 times longer and 10 times the cost" of the air-blown fiber solution
Maintaining Airport Operations	<ul style="list-style-type: none"> • Blowing fiber creates no work site disruption • Fiber is "blown" easily anywhere at any time, including restricted access areas 	<ul style="list-style-type: none"> • Pulling of cables disrupts airport operations • Difficulties, disruption, and additional expense when installing in restricted access areas
Leasing Fiber To Tenants	<ul style="list-style-type: none"> • Immediately respond to needs of tenants • Maximizes profit potential for leasing fiber or empty tubes by reducing time and labor costs 	<ul style="list-style-type: none"> • Requires extensive planning and forecasting, with slow project turnaround • High installation costs to meet tenant requirements erode profit potential
Network Integrity	<ul style="list-style-type: none"> • Continuous point-to-point, splice-free connectivity between and within buildings reduces attenuation for better transmission and signal integrity 	<ul style="list-style-type: none"> • Necessitates splicing and connection at various points between and within buildings, adding further labor costs, increasing attenuation, and points of failure
Time and Labor Savings	<ul style="list-style-type: none"> • 3,000 feet of fiber can be blown in 30 minutes with only 2 installers 	<ul style="list-style-type: none"> • It typically takes one-8 hour day with a minimum of 4 skilled installers to pull 3,000 feet of fiber optic cable