

Jena-Erfurt Fiberlink Testbed Extension 1: Erfurt-Sundhausen & Nordhausen

Fiber connection (one duplex) from Erfurt to Sundhausen and further to Nordhausen. Each section has about 12km overground hanging fiber.

A: Brief Information

Testbed Title	Jena-Erfurt Fiber Link Extension 1: Erfurt - Sundhausen & Nordhausen
Start Point	Erfurt
End point	Sundhausen & Nordhausen
Institution/Organization	Fraunhofer-Zentrum Erfurt, Herman-Hollerith-Straße 3, 99099 Erfurt
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Status	Active

B: Technical Information

Type of Transmission	Fiber
Length [km]	
Losses [dB]	
Supported Wavelengths [nm]	
Type of Fiber	
Type of Deployment	
Polarization Stabilization	
Quantum Communication Infrastructure	
Available Infrastructure for external Parties	

C: Additional Information

Linked Projects	Q-net-Q: https://q-net-q.eu/docs/testbeds/overview
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Press Release and Publications	<ul style="list-style-type: none">• Erfurt wird Knotenpunkt für Quantenkommunikation• Auf der zukünftigen Quantenautobahn führt kein Weg mehr an Thüringen vorbei• Erstmals erfolgreich Quantenschlüssel zwischen Erfurt und Jena via Glasfaser ausgetauscht
Demonstrated Milestone	<ul style="list-style-type: none">•
Outlook	<ul style="list-style-type: none">•
Suggested Use Cases	<ul style="list-style-type: none">••
Other Comments/ Information	

