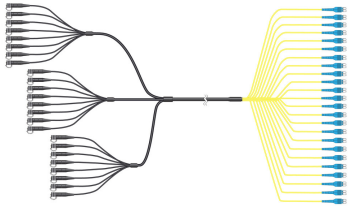


# DFT-48SM-121

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HELIAX® Direct, 48 single mode fiber, 7 mm cable. End 1: Outdoor fiber connectors compatible with ODC interface, End 2: DLC

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Wireless Fiber Cable Assemblies
<b>Product Brand</b>	HELIAX®
<b>Product Series</b>	DFT
<b>Ordering Note</b>	CommScope® non-standard product

## General Specifications

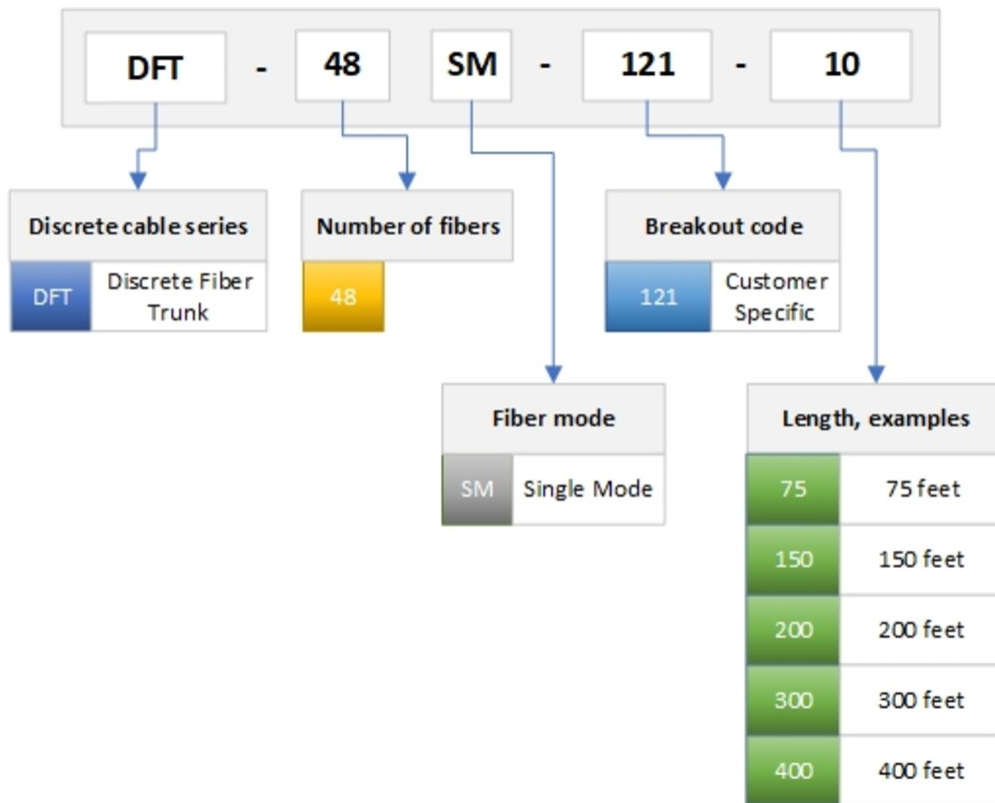
<b>Construction Type</b>	Discrete fiber trunk
<b>Interface, Connector A</b>	ODC-LC
<b>Interface Feature, connector A</b>	Outdoor
<b>Interface Body Style, connector A</b>	Straight
<b>Interface, Connector B</b>	DLC
<b>Interface Body Style, connector B</b>	Straight
<b>Jacket Color</b>	Black
<b>Total Fibers, quantity</b>	48

## Dimensions

<b>Cable Assembly Length Range (ft)</b>	5 – 400
<b>Diameter Over Jacket</b>	10.3 mm   0.406 in

## Ordering Tree

# DFT-48SM-121-10



## Mechanical Specifications

<b>Minimum Bend Radius</b>	103 mm   4.055 in
<b>Minimum Bend Radius, furcation</b>	30 mm   1.181 in

## Optical Specifications

<b>Fiber Type</b>	G.657.A2
<b>Insertion Loss, typical note</b>	Insertion loss is measured at 1310 and 1550 nm
<b>Insertion Loss, typical</b>	0.75

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +75 °C (-40 °F to +167 °F)
<b>Environmental Space</b>	Outdoor

## Packaging and Weights

<b>Cable weight</b>	136 kg/km   91.388 lb/kft
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# DFT-48SM-121

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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



### \* Footnotes

**Insertion Loss, typical note** Insertion loss is measured at a room temp of +20°C (+68°F)