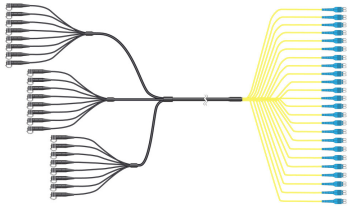# DFT-48SM-121

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

Product Classification

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

General Specifications

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

Dimensions

Cable Assembly Length Range (ft)	5 – 400
Diameter Over Jacket	10.3 mm | 0.406 in

Ordering Tree

COMMSCOPE®

DFT-48SM-121

| DFT | - | 48 | SM | - | 121 | - | 10 |

Discrete cable series

| DFT | Discrete Fiber Trunk |

Number of fibers

| 48 | |

Breakout code

| 121 | Customer Specific |

Fiber mode

| SM | Single Mode |

Length, examples

75	75 feet
150	150 feet
200	200 feet
300	300 feet
400	400 feet
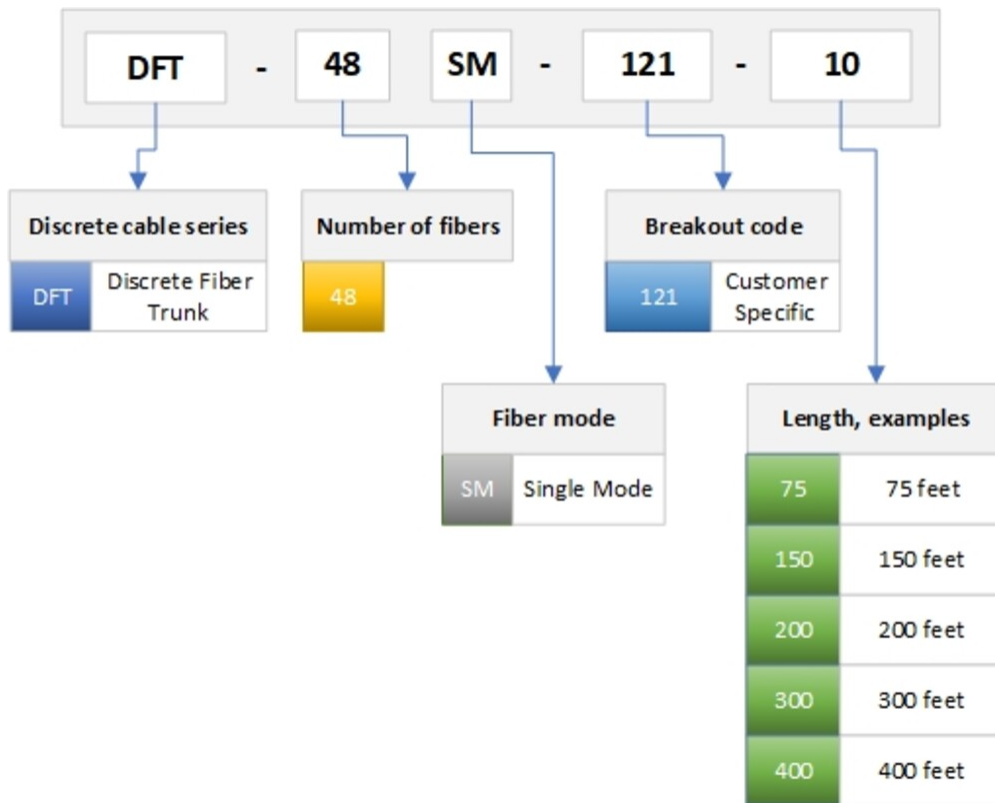
Mechanical Specifications

Minimum Bend Radius	103 mm	4.055 in
Minimum Bend Radius, furcation	30 mm	1.181 in

Optical Specifications

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

Environmental Specifications

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

Packaging and Weights

Cable weight	136 kg/km	91.388 lb/kft

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DFT-48SM-121

Regulatory Compliance/Certifications

Agency	Classification
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 www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

* Footnotes

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

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