



HELIAX[®] Fiber Products Global Ordering Guide

Second Edition

COMMScope[®]

HELIAX® fiber products

Capacity and network performance are being challenged like never before, as wireless subscribers demand more bandwidth and ubiquitous Wi-Fi. The accelerating rollout of 5G and growth of “smart city” applications is dramatically changing the wireless communication landscape to rapidly address these demands. HELIAX® fiber-to-the-antenna system equipment is designed and factory constructed to ensure precise compatibility, long service life, and installation ease—enabling faster deployments that deliver performance you can count on.

Added features and benefits include:

- Construction allows easy bending and maximizes fiber protection
- Smallest cable diameter enables higher flexibility
- Aluminum shield and armoring on select jumpers resists animal damage
- Exact fit to radio and other components assures compatibility

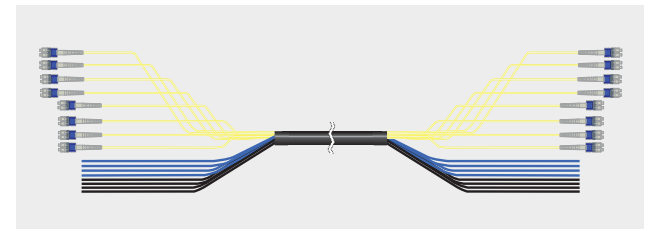
Contents

Hybrid Fibers	3
Single Mode Fibers	3
Multimode Fibers.....	11
Discrete Fibers.....	13
Single Mode Fibers	13
Multimode Fibers.....	19
Enclosures.....	21
Fiber Storage	21
Fiber/Power	22
Accessories.....	22
Power Cable.....	23
Accessories	25
Support.....	27



Hybrid Fiber

Single Mode Fiber



1 Single Mode Fiber, 10 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Power Max. Breakout Length (Enclosure/ RRU)	End One Fiber Max. Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Power Max. Breakout Length (Enclosure/ BBU)	End Two Fiber Max. Breakout Length (Enclosure/ BBU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT410-1SBVE-**-**	HELIAX® Hybrid Jumper, four power conductors 10 AWG at OVP, 1 power cord 8 AWG at RRU, 1 single mode fiber, 18.3mm armored cable	4	10	1	X	18.3mm	1000mm	1000mm	Simplex LC	550mm	1250mm	Simplex LC	PVC

1 Single Mode Fibers, 10 AWG Bi-Di

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Maximum Breakout Length (Enclosure/ RRU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT410-1SBJ1-**-**	HELIAX® Hybrid Cable Assembly, 6-OVP box to RRU, Power Cord to RRU, UL Type TC-ER, 4 power conductors 8 AWG RRU, 10 AWG BBU, 1-fiber, Bi-Di, Jonhon Adapter Compatible, PVC jacket, aluminum armor	4	10	1	X	18.3mm	Customer specific	LC	Customer specific	LC	PVC
HFT410-1SBVEF-**-**	HELIAX® Hybrid Cable Assembly, BiDi, 6-OVP box to RRU, UL Type TC-ER, 4 power conductors 10 AWG at OVP, 1 power cord 8 AWG at RRU, 1 Simplex fiber connectors, PVC jacket, aluminum armor	4	10	1	X	18.3mm	Customer specific	LC	Customer specific	LC	PVC

1 Single Mode Fiber, 6 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Maximum Breakout Length (Enclosure/ RRU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT206-1SBVSJ-**-**	HELIAX® Hybrid Cable Assembly, 6-OVP box to RRU, Power Cord to RRU UR Type TC-ER, 2 Power conductors 6 AWG RRU, 6 AWG OVP, 1 fiber Bi-Di Jonhon adapter compatible pvc jacket aluminum armor	2	6	1	X	18.3mm	Customer specific	LC	Customer specific	LC	PVC

Hybrid Fiber

Single Mode Fiber

2 Single Mode Fibers, 12 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Power Max. Breakout Length (Enclosure/ RRU)	End One Fiber Max. Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Power Max. Breakout Length (Enclosure/ BBU)	End Two Fiber Max. Breakout Length (Enclosure/ BBU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT412-2S28-**	HELIAX® Hybrid Jumper, four 12 AWG conductors, power cord, 2 single mode fiber, 15.7mm armored cable	4	12	2	X	15.7mm	1000mm	1000mm	Duplex LC	660mm	800mm	Duplex LC	PVC
HFT412-2S28F-**	HELIAX® Hybrid Jumper, four 12 AWG conductors, power cord, 2 single mode fiber, 15.7mm armored cable	4	12	2	X	15.7mm	1000mm	1000mm	Duplex LC with weather-proofing shroud	660mm	800mm	Duplex LC	PVC
HFT412-2S29-**	HELIAX® Hybrid Jumper, four 12 AWG conductors, power cord, 2 single mode fiber, 15.7mm armored cable	4	12	2	X	15.7mm	1000mm	1000mm	Duplex LC	850mm	1250mm	Duplex LC	PVC
HFT412-2S29F-**	HELIAX® Hybrid Jumper, four 12 AWG conductors, power cord, 2 single mode fiber, 15.7mm armored cable	4	12	2	X	15.7mm	1000mm	1000mm	Duplex LC with weather-proofing shroud	850mm	1250mm	Duplex LC	PVC

Hybrid Fiber

Single Mode Fiber

2 Single Mode Fibers, 10 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Power Max. Breakout Length (Enclosure/ RRU)	End One Fiber Max. Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Power Max. Breakout Length (Enclosure/ BBU)	End Two Fiber Max. Breakout Length (Enclosure/ BBU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT410-2SBVE-**-**	HELIAX® Hybrid Jumper, four power conductors 10 AWG at OVP, 1 power cord 8 AWG at RRU, 2 single mode fiber, 18.3mm armored cable	4	10	2	X	18.3mm	1000mm	1000mm	Simplex LC	550mm	1250mm	Simplex LC	PVC
HFT410-2SVHE-**-**	HELIAX® Hybrid Jumper, four power conductors 10 AWG at OVP, 1 power cord 8 AWG at RRU, 2 single mode fiber, 18.3mm armored cable	4	10	2	X	18.3mm	1000mm	1000mm	Duplex LC	550mm	1250mm	Duplex LC	PVC
HFT410-2SVHEF-**-**	HELIAX® Hybrid Jumper, four power conductors 10 AWG at OVP, 1 power cord 8 AWG at RRU, 2 single mode fiber, 18.3mm armored cable	4	10	2	X	18.3mm	1000mm	1000mm	Duplex LC with weather-proofing shroud	550mm	1250mm	Duplex LC	PVC
HFT410-2SVHY-**-**	HELIAX® Hybrid Jumper, four power conductors 10 AWG at OVP, 2 power cord 8 AWG at RRU, 2 single mode fiber, 18.3mm armored cable	4	10	2	X	18.3mm	1000mm	1000mm	Duplex LC	550mm	1250mm	Duplex LC	PVC
HFT410-2SVHYF-**-**	HELIAX® Hybrid Jumper, four power conductors 10 AWG at OVP, 2 power cord 8 AWG at RRU, 2 single mode fiber, 18.3mm armored cable	4	10	2	X	18.3mm	1000mm	1000mm	Duplex LC with weather-proofing shroud	550mm	1250mm	Duplex LC	PVC

2 Single Mode Fibers, 10 AWG Bi-Di

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Maximum Breakout Length (Enclosure/ RRU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT410-2SBJ1-**-**	HELIAX® Hybrid Cable Assembly, 6-OVP box to RRU, Power Cord to RRU, UL Type TC-ER, 4 power conductors 8 AWG RRU, 10 AWG BBU, 2-fiber, Bi-Di, Jonhon Adapter Compatible, PVC jacket, aluminum armor	4	10	2	X	18.3mm	Customer specific	LC	Customer specific	LC	PVC
HFT410-2SBVEF-**-**	HELIAX® Hybrid Cable Assembly, BiDi, 6-OVP box to RRU, UL Type TC-ER, 4 power conductors 10 AWG at OVP, 1 power cord 8 AWG at RRU, 2 Simplex fiber connectors, PVC jacket, aluminum armor	4	10	2	X	18.3mm	Customer specific	LC	Customer specific	LC	PVC

Hybrid Fiber

Single Mode Fiber

2 Single Mode Fiber, 6 AWG Bi-Di

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Maximum Breakout Length (Enclosure/ RRU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT206-2SBVSJ-**-	HELIAX® Hybrid Cable Assembly, 6-OVP box to RRU, Power Cord to RRU UR Type TC-ER, 2 Power conductors 6 AWG RRU, 6 AWG OVP, 2 fiber Bi-Di Jonhon adapter compatible pvc jacket aluminum armor	2	6	2	X	18.3mm	Customer specific	LC	Customer specific	LC	PVC

3 Single Mode Fibers, 10 AWG Bi-Di

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Maximum Breakout Length (Enclosure/ RRU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT410-3SBJ1-**-	HELIAX® Hybrid Cable Assembly, 6-OVP box to RRU, Power Cord to RRU, UL Type TC-ER, 4 power conductors 8 AWG RRU, 10 AWG BBU, 3-fiber, Bi-Di, Jonhon Adapter Compatible, PVC jacket, aluminum armor	4	10	3	X	18.3mm	Customer specific	LC	Customer specific	LC	PVC
HFT410-3SBVE-**-	HELIAX® Hybrid Cable Assembly, BiDi, 6-OVP box to RRU, UL Type TC-ER, 4 power conductors 10 AWG at OVP, 1 power cord 8 AWG at RRU, 3 Simplex fiber connectors, PVC jacket, aluminum armor	4	10	3	X	18.3mm	Customer specific	LC	Customer specific	LC	

Hybrid Fiber

Single Mode Fiber

3 Single Mode Fiber, 6 AWG Bi-Di

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
HFT206-3SBVSJ-**-**	HELIAX® Hybrid Cable Assembly, 6-OVP box to RRU, Power Cord to RRU UR Type TC-ER, 2 Power conductors 6 AWG RRU, 6 AWG OVP, 3 fiber Bi-Di Jonhon adapter compatible pvc jacket aluminum armor	2	6	3	X	18.3mm	Customer specific	LC	Customer specific	LC	PVC

3 Single Mode Fibers, 6 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
HFT206-3SV1-**-**	HELIAX® Hybrid Cable Assembly OVP to OVP End 1 and End 2: 3 fiber, terminated LC Simplex and 2-6AWG conductor blunt cut.	2	6	3		18.3mm	Customer specific	LC	Customer specific	LC	PVC

Hybrid Fiber

Single Mode Fiber

4 Single Mode Fibers, 12 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Power Max. Breakout Length (Enclosure/RRU)	End One Fiber Max. Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Power Max. Breakout Length (Enclosure/BBU)	End Two Fiber Max. Breakout Length (Enclosure/BBU)	End Two Connector (Enclosure/BBU)	Jacket Material
HFE212-4SEB-**M	HELIAX® Hybrid Jumper, two 12 AWG conductors, 4 single mode fiber, 13.46mm armored cable	2	12	4	X	13.46mm	2000mm	2000mm	Duplex LC	500mm	500mm	Duplex LC	PVC
HFE212-4SET-**M	HELIAX® Hybrid Jumper, two 12 AWG conductors, 4 single mode fiber, 13.46mm armored cable	2	12	4	X	13.46mm	575mm	235mm	Duplex LC	500mm	500mm	Duplex LC	PVC
HFE212-4SNB-**M	HELIAX® Hybrid Jumper, two 12 AWG conductors, 4 single mode fiber, 13.46mm armored cable	2	12	4	X	13.46mm	2000mm	1500mm	Flex Angle Duplex LC with Nokia weather-proofing boot	500mm	500mm	Duplex LC	PVC
HFE212-4SNT-**M	HELIAX® Hybrid Jumper, two 12 AWG conductors, 4 single mode fiber, 13.46mm armored cable	2	12	4	X	13.46mm	350mm	420mm	Flex Angle Duplex LC with Nokia weather-proofing boot	500mm	500mm	Duplex LC	PVC
RFA212-4S15-**M	HELIAX® Hybrid Jumper, two 12 AWG conductors, power cord, 4 single mode fiber, 13.6mm armored cable	2	12	4	X	13.6mm	625mm	625mm	Duplex LC	500mm	500mm	Duplex LC	PE
RFA212-4S17-**M	HELIAX® Hybrid Jumper, two 12 AWG conductors, power cord, 4 single mode fiber, 13.6mm armored cable	2	12	4	X	13.6mm	700mm	250mm	90° Angle Duplex LC with Nokia weather-proofing boot	500mm	500mm	Duplex LC	PE

Hybrid Fiber

Single Mode Fiber

4 Single Mode Fibers, 12 AWG (continued)

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Power Max. Breakout Length (Enclosure/ RRU)	End One Fiber Max. Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Power Max. Breakout Length (Enclosure/ BBU)	End Two Fiber Max. Breakout Length (Enclosure/ BBU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFA412-4S40-**-**	HELIAX® Hybrid Jumper, four 12 AWG conductors, 4 single mode fiber, 13mm armored cable	4	12	4	X	13mm	765mm	790mm	Flex Angle Duplex LC with Nokia weather-proofing boot	460mm	1025mm	Duplex LC	PE
HFA412-4SNOK3-**-**	HELIAX® Hybrid Jumper, four 12 AWG conductors, 4 single mode fiber, 13mm armored cable	4	12	4	X	13mm	457mm	1560mm	Flex Angle Duplex LC with Nokia weather-proofing boot	457mm	1067mm	Duplex LC	PE
HFT412-4S28-**-**	HELIAX® Hybrid Jumper, four 12 AWG conductors, power cord, 2 single mode fiber, 15.7mm armored cable	4	12	4	X	15.7mm	1000mm	1000mm	Duplex LC	660mm	800mm	Duplex LC	PVC
HFT412-4S29-**-**	HELIAX® Hybrid Jumper, four 12 AWG conductors, power cord, 2 single mode fiber, 15.7mm armored cable	4	12	4	X	15.7mm	1000mm	1000mm	Duplex LC	850mm	1250mm	Duplex LC	PVC
HFT412-4S29F-**-**	HELIAX® Hybrid Jumper, four 12 AWG conductors, power cord, 2 single mode fiber, 15.7mm armored cable	4	12	4	X	15.7mm	1000mm	1000mm	Duplex LC with weather-proofing shroud	850mm	1250mm	Duplex LC	PVC

Hybrid Fiber

Single Mode Fiber

4 Single Mode Fibers, 10 AWG

Part Number (* = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Power Max. Breakout Length (Enclosure/RRU)	End One Fiber Max. Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Power Max. Breakout Length (Enclosure/BBU)	End Two Fiber Max. Breakout Length (Enclosure/BBU)	End Two Connector (Enclosure/BBU)	Jacket Material
HFA410-4SNOK4-**	HELIAX® Hybrid Jumper, four 10 AWG conductors, 4 single mode fiber, 18.3mm armored cable	4	10	4	X	18.3mm	762mm	788mm	Duplex LC with R2CT Installed	457mm	1067mm	Duplex LC	PVC
HFT410-4SNOK2-**	HELIAX® Hybrid Jumper, four 10 AWG conductors, 4 single mode fiber, 18.3mm armored cable	4	10	4	X	18.3mm	895mm	815mm	Flex Angle Duplex LC with Nokia weather-proofing boot	Direct to cable	Direct to cable	HQLC	PVC
HFT410-4SNOK4-**	HELIAX® Hybrid Jumper, four 10 AWG conductors, 4 single mode fiber, 18.3mm armored cable	4	10	4	X	18.3mm	775mm	750mm	Duplex LC with R2CT and power connector installed	Direct to cable	Direct to cable	HQLC	PVC
HFT410-4SNOK5-**	HELIAX® Hybrid Jumper, four 10 AWG conductors, 4 single mode fiber, 18.3mm armored cable	4	10	4	X	18.3mm	457mm	815mm	Flex Angle Duplex LC with Nokia weather-proofing boot and NSN power connector with boot	Direct to cable	Direct to cable	HQLC	PVC
HFT410-4SVHE-**	HELIAX® Hybrid Jumper, four power conductors 10 AWG at OVP, 1 power cord 8 AWG at RRU, 4 single mode fiber, 18.3mm armored cable	4	10	4	X	18.3mm	1000mm	1000mm	Duplex LC	550mm	1250mm	Duplex LC	PVC
HFT410-4SVHEF-**	HELIAX® Hybrid Jumper, four power conductors 10 AWG at OVP, 1 power cord 8 AWG at RRU, 4 single mode fiber, 18.3mm armored cable	4	10	4	X	18.3mm	1000mm	1000mm	Duplex LC with weather-proofing shroud	550mm	1250mm	Duplex LC	PVC
HFT410-4SVHY-**	HELIAX® Hybrid Jumper, four power conductors 10 AWG at OVP, 2 power cord 8 AWG at RRU, 4 single mode fiber, 18.3mm armored cable	4	10	4	X	18.3mm	1000mm	1000mm	Duplex LC	550mm	1250mm	Duplex LC	PVC
HFT410-4SVHYF-**	HELIAX® Hybrid Jumper, four power conductors 10 AWG at OVP, 2 power cord 8 AWG at RRU, 4 single mode fiber, 18.3mm armored cable	4	10	4	X	18.3mm	1000mm	1000mm	Duplex LC with weather-proofing shroud	550mm	1250mm	Duplex LC	PVC

Hybrid Fiber

Single Mode Fiber

4 Single Mode Fibers, 10 AWG Bi-Di

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Maximum Breakout Length (Enclosure/ RRU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT410-4SBJ1-**-**	HELIAX® Hybrid Cable Assembly, 6-OVP box to RRU, Power Cord to RRU, UL Type TC-ER, 4 power conductors 8 AWG RRU, 10 AWG BBU, 4-fiber, Bi-Di, Jonhon Adapter Compatible, PVC jacket, aluminum armor	4	10	4	X	18.3mm	Customer specific	LC	Customer specific	LC	PVC
HFT410-4SBVE-**-**	HELIAX® Hybrid Cable Assembly, BiDi, 6-OVP box to RRU, UL Type TC-ER, 4 power conductors 10 AWG at OVP, 1 power cord 8 AWG at RRU, 4 Simplex fiber connectors, PVC jacket, aluminum armo	4	10	4	X	18.3mm	Customer specific	LC	Customer specific	LC	PVC

4 Single Mode Fibers, 6 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Power Max. Breakout Length (Enclosure/ RRU)	End One Fiber Max. Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Power Max. Breakout Length (Enclosure/ BBU)	End Two Fiber Max. Breakout Length (Enclosure/ BBU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT206-4SNOK6-**-**	HELIAX® Hybrid Jumper, two 6 AWG conductors, 4 single mode fiber, 18.3mm armored cable	2	6	4	X	18.3mm	750mm	775mm	Duplex LC with R2CT installed	Direct to cable	Direct to cable	HQLC	PVC

4 Single Mode Fibers, 6 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Maximum Breakout Length (Enclosure/ RRU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT206-4SNOK7-**-**	HELIAX® Hybrid Jumper Cable Assembly. RRU end; 4 fibers LC Duplex with AOPE OCTIS weather shrouds, 2 x 6AWG DC conductors with 55A power connector installed. Enclosure end; 4 fibers LC Duplex and 2 x 6AWG conductors terminated in IP25 connector	2	6	4			17.06mm	Customer specific	DLC	Customer specific	PVC

Hybrid Fiber

Single Mode Fiber

4 Single Mode Fibers, 6 AWG Bi-Di

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Maximum Breakout Length (Enclosure/ RRU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT206-4SBV5J-**	HELIAX® Hybrid Cable Assembly, 6-OVP box to RRU, Power Cord to RRU UR Type TC-ER, 2 Power conductors 6 AWG RRU, 6 AWG OVP, 4 fiber Bi-Di Jonhon adapter compatible pvc jacket aluminum armor	2	6	4	X	18.3mm	Customer specific	LC	Customer specific	LC	PVC

6 Single Mode Fibers, 6 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Jumper	Jacket OD	End One Power Max. Breakout Length (Enclosure/ RRU)	End One Fiber Max. Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Power Max. Breakout Length (Enclosure/ BBU)	End Two Fiber Max. Breakout Length (Enclosure/ BBU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT206-6SB41-**	HELIAX® Hybrid Jumper, two 6 AWG conductors, 6 single mode fiber, 24.42mm armored cable	2	6	6	X	24.42mm	800mm	950mm	Duplex LC with OCTIS W21 shroud	Direct to cable	Direct to cable	HQ-LC	PVC

8 Single Mode Fibers, 6 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Trunk	Jacket OD	End One Power Max. Breakout Length (Enclosure/ RRU)	End One Fiber Max. Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Power Max. Breakout Length (Enclosure/ BBU)	End Two Fiber Max. Breakout Length (Enclosure/ BBU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT406-8SV2-**	HELIAX® Hybrid Trunk, four 6 AWG Low Inductance conductors, 8 single mode fiber, 27.2mm armored cable	4	6	8	X	27.2mm	600mm	585mm	Duplex LC	600mm	1245mm	Duplex LC	PVC

Hybrid Fiber

Single Mode Fiber

16 Single Mode Fibers, 10 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Trunk	Jacket OD	End One Power Max. Breakout Length (Enclosure/RRU)	End One Fiber Max. Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Power Max. Breakout Length (Enclosure/BBU)	End Two Fiber Max. Breakout Length (Enclosure/BBU)	End Two Connector (Enclosure/BBU)	Jacket Material
RFA810-16S06-***M	HELIAX® Hybrid Trunk, eight 10 AWG conductors, 16 single mode fiber, 23.5mm armored cable	8	10	16	X	23.5mm	280mm	850mm	Duplex LC	2000mm	2000mm	Duplex LC	PE

24 Single Mode Fibers, 6 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Trunk	Jacket OD	End One Power Max. Breakout Length (Enclosure/RRU)	End One Fiber Max. Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Power Max. Breakout Length (Enclosure/BBU)	End Two Fiber Max. Breakout Length (Enclosure/BBU)	End Two Connector (Enclosure/BBU)	Jacket Material
FDH1206-24SE2-***M	HELIAX® Hybrid Trunk, twelve 6 AWG conductors, 24 single mode fiber, 36mm armored cable	12	6	24	X	36mm	5000mm	900mm	Compatible with ODC interface	1700mm	1650mm	Duplex LC	PVC
HFT1206-24SV2-**	HELIAX® Hybrid Trunk, twelve 6 AWG Low Inductance conductors, 24 single mode fiber, 18 alarm wires, 39.4mm armored cable	12	6	24	X	39.4mm	725mm	560mm	Duplex LC	725mm	560mm	Duplex LC	PVC

24 Single Mode Fibers, 4 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Trunk	Jacket OD	End One Power Max. Breakout Length (Enclosure/RRU)	End One Fiber Max. Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Power Max. Breakout Length (Enclosure/BBU)	End Two Fiber Max. Breakout Length (Enclosure/BBU)	End Two Connector (Enclosure/BBU)	Jacket Material
FDH1204-24SE2-***M	HELIAX® Hybrid Trunk, twelve 4 AWG conductors, 24 single mode fiber, 44.78mm armored cable	12	4	24	X	44.78mm	5000mm	600mm	Compatible with ODC interface	1700mm	1400mm	Duplex LC	PVC

Hybrid Fiber

Single Mode Fiber

36 Single Mode Fibers, 6 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Trunk	Jacket OD	End One Power Max. Breakout Length (Enclosure/RRU)	End One Fiber Max. Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Power Max. Breakout Length (Enclosure/BBU)	End Two Fiber Max. Breakout Length (Enclosure/BBU)	End Two Connector (Enclosure/BBU)	Jacket Material
HFT1006-36S37-**-**	HELIAX® Hybrid Trunk, ten 6 AWG conductors, 36 single mode fiber, 35.4mm armored cable	10	6	36	X	35.4mm	610mm	575mm	Duplex LC	610mm	575mm	Duplex LC	PVC

48 Single Mode Fibers, 6 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (SM)	Trunk	Jacket OD	End One Power Max. Breakout Length (Enclosure/RRU)	End One Fiber Max. Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Power Max. Breakout Length (Enclosure/BBU)	End Two Fiber Max. Breakout Length (Enclosure/BBU)	End Two Connector (Enclosure/BBU)	Jacket Material
FD21206-48S55-**-**	HELIAX® Hybrid Pendant, twelve 6 AWG conductors, 48 single mode fiber, 39.38mm armored cable	12	6	48	X	39.38mm	Direct to cable	Direct to cable	HQ-LC	1000mm	1000mm	Duplex LC	PVC

Hybrid Fiber

Multimode Fiber

4 Multimode Fibers, 12 AWG

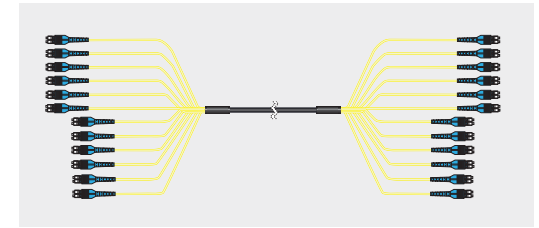
Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (MM)	Jumper	Jacket OD	End One Power Max. Breakout Length (Enclosure/ RRU)	End One Fiber Max. Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Power Max. Breakout Length (Enclosure/ BBU)	End Two Fiber Max. Breakout Length (Enclosure/ BBU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFE212-4M4EB-***M	HELIAX® Hybrid Jumper, two 12 AWG conductors, 4 multimode fiber, 13.46mm armored cable	2	12	4	X	13.46mm	2000mm	2000mm	Duplex LC	500mm	500mm	Duplex LC	PVC
HFE212-4M4ET-***M	HELIAX® Hybrid Jumper, two 12 AWG conductors, 4 multimode fiber, 13.46mm armored cable	2	12	4	X	13.46mm	335mm	535mm	Duplex LC	500mm	500mm	Duplex LC	PVC
HFE212-4M4NB-***M	HELIAX® Hybrid Jumper, two 12 AWG conductors, 4 multimode fiber, 13.46mm armored cable	2	12	4	X	13.46mm	2000mm	1500mm	Flex Angle Duplex LC with Nokia weather-proofing boot	500mm	500mm	Duplex LC	PVC
HFE212-4M4NF-***M	HELIAX® Hybrid Jumper, two 12 AWG conductors, 4 multimode fiber, 13.46mm armored cable	2	12	4	X	13.46mm	350mm	420mm	Flex Angle Duplex LC with Nokia weather-proofing boot	500mm	500mm	Duplex LC	PVC
HFE212-4MNB-***M	HELIAX® Hybrid Jumper, two 12 AWG conductors, 4 multimode fiber, 13.46mm armored cable	2	12	4	X	13.46mm	2000mm	1500mm	Duplex LC	500mm	500mm	Duplex LC	PVC

4 Multimode Fibers, 10 AWG

Part Number (** = length)	Product Description	# of Conductors	AWG	# of Fibers (MM)	Jumper	Jacket OD	End One Power Max. Breakout Length (Enclosure/ RRU)	End One Fiber Max. Breakout Length (Enclosure/ RRU)	End One Connector (Enclosure/ RRU)	End Two Power Max. Breakout Length (Enclosure/ BBU)	End Two Fiber Max. Breakout Length (Enclosure/ BBU)	End Two Connector (Enclosure/ BBU)	Jacket Material
HFT210-4M07-***M	HELIAX® Hybrid Jumper, two 10 AWG conductors, 4 multimode fiber, 16.1mm armored cable	2	10	4	X	16.1mm	400mm	400mm	Duplex LC	2150mm	2150mm	Duplex LC	PVC

Discrete Fiber

Single Mode Fiber



1 Single Mode Fiber

Part Number (** = length)	Product Description	# Of Fibers (SM)	Armored	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
FJ-1SM-015A-***M	HELIAX® Discrete Jumper, 1 single mode fiber, 6mm armored cable	1	X	X	6mm	Direct to cable	Duplex LC with weatherproofing shroud	590mm	SC	Low Smoke Zero Halogen (LSZH)
FJ-1SM-015F-***M	HELIAX® Discrete Jumper, 1 single mode fiber, 5mm armored cable	1	X	X	5mm	72mm	Simplex LC	202mm	Simplex LC	Low Smoke Zero Halogen (LSZH)
FJ-1SM-015FN-***M	HELIAX® Discrete Jumper, 1 single mode fiber, 5mm armored cable	1	X	X	5mm	72mm	Simplex LC with weatherproofing shroud	202mm	Simplex LC	Low Smoke Zero Halogen (LSZH)
FJ-1S7-SCSC-***M	HELIAX® Discrete, 1 single mode fiber, 7 mm armored cable, flexible breakout, SC to SC, variant length	1	X	X	7mm	1000mm	SC/UPC	1000mm	SC/UPC	Riser Rated

2 Single Mode Fibers

Part Number (** = length)	Product Description	# Of Fibers (SM)	Armored	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
DFJ-2S108-***M	HELIAX® Discrete Jumper 2 single mode fiber, 6mm cable	2		X	6mm	189mm	Duplex LC	Direct to cable	Compatible with ODC interface	Low Smoke Zero Halogen (LSZH)
DFJ-2S109N-***M	HELIAX® Discrete jumper, 2 single mode fiber, 6mm armored cable	2		X	6mm	Direct to cable	Duplex LC	Direct to cable	Compatible with ODC interface	Low Smoke Zero Halogen (LSZH)
DFJ-2S123-***M	HELIAX® Discrete Jumper, 2 single mode fiber, 5mm armored cable	2		X	5mm	142mm	Duplex LC	142mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
DFJ-2S320-***M	HELIAX® Discrete Jumper, 2 single mode fiber, 5.4mm cable	2		X	5.4mm	100mm	Duplex LC	Direct to cable	HMFOC	Low Smoke Zero Halogen (LSZH)
DFJ-2S320E-***M	HELIAX® Discrete Jumper, 2 single mode fiber, 5.4mm cable	2		X	5.4mm	180mm	Duplex LC	Direct to cable	HMFOC	Low Smoke Zero Halogen (LSZH)
DFJ-2S320J-***M	HELIAX® Discrete Jumper, 2 single mode fiber, 5.4mm cable	2		X	5.4mm	Direct to cable	Duplex LC	Direct to cable	HMFOC	Low Smoke Zero Halogen (LSZH)

Discrete Fiber

Single Mode Fiber

2 Single Mode Fibers (continued)

Part Number (** = length)	Product Description	# Of Fibers (SM)	Armored	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
DFJ-2S5A-EAS-**M	HELIAX® Discrete Jumper, 2 single mode fiber, 5mm armored cable	2	X	X	5mm	72mm	Duplex LC with Nokia weatherproofing boot	97mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
DFJ-2S5A-HW-**M	HELIAX® Discrete Jumper, 2 single mode fiber, 5mm armored cable	2	X	X	5mm	72mm	Duplex LC	382mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
DFJ-2S5-EAS-**M	HELIAX® Discrete Jumper, 2 single mode fiber, 5mm cable	2		X	5mm	72mm	Duplex LC with weatherproofing shroud	97mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
DFJ-2S5-HW-**M	HELIAX® Discrete Jumper, 2 single mode fiber, 5mm cable	2		X	5mm	72mm	Duplex LC	382mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
DFJ-2S5-LCSC-**M	HELIAX® Discrete Jumper, 2 single mode fiber, 5mm cable	2		X	5mm	72mm	Duplex LC	382mm	SC	Low Smoke Zero Halogen (LSZH)
DFJ-2S5-NB-**M	HELIAX® Discrete Jumper, 2 single mode fiber, 5mm cable	2		X	5mm	100mm	Duplex LC with Nokia weatherproofing boot	100mm	Duplex LC with Nokia weatherproofing boot	Low Smoke Zero Halogen (LSZH)
DFJ-2S7-HW-**M	HELIAX® Discrete Jumper, 2 single mode fiber, 7mm cable	2		X	7mm	72mm	Duplex LC	382mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
DFJ-2S7-HW2-**M	HELIAX® Discrete Jumper, 2 single mode fiber, 7mm cable	2		X	7mm	380mm	Duplex LC	380mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
DFJ-2S5-LCSC2-**M	HELIAX® Discrete, 2 single mode fiber, 5 mm LSZH cable. End 1: DLC. End 2: SC	2		x	5 mm 0.197 in	181.864 mm 7.16 in	Duplex LC	381.000 mm 15 in	SC/UPC	

Discrete Fiber

Single Mode Fiber

2 Single Mode Fibers (continued)

Part Number (** = length)	Product Description	# Of Fibers (SM)	Armored	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
FHBDW-H2M22-***	HELIAX® Discrete Jumper, 2 single mode fiber, 6mm cable	2		X	6mm	142mm	Duplex LC	1219mm	Hardened SC	Low Smoke Zero Halogen (LSZH)
FHBDW-H2Q22-***	HELIAX® Discrete Jumper, 2 single mode fiber, 6mm cable	2		X	6mm	Direct to cable	Duplex LC	1219mm	Hardened SC	Low Smoke Zero Halogen (LSZH)
FJ-2SA-LC1-LC1-**	HELIAX® Discrete Jumper, 2 single mode fiber, 5mm armored cable	2	X	X	5mm	45mm	Duplex LC	45mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
FJ-2SM-002-***M	HELIAX® Discrete Jumper, 2 single mode fiber, 6mm cable	2		X	6mm	90mm	Duplex LC	200mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
FJ-2SM-003-***M	HELIAX® Discrete Jumper, 2 single mode fiber, 6mm cable	2		X	6mm	95mm	Duplex LC	330mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
FJ-2SM-015-***M	HELIAX® Discrete Jumper, 2 single mode fiber, 6mm cable	2		X	6mm	Direct to cable	Duplex LC	200mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
FJ-2SM-015A-***M	HELIAX® Discrete Jumper, 2 single mode fiber, 6mm armored cable	2	X	X	6mm	Direct to cable	Duplex LC	Direct to cable	Duplex LC	Low Smoke Zero Halogen (LSZH)
FJ-2SM-015A2N-***M	HELIAX® Discrete Jumper, 2 single mode fiber, 6mm armored cable	2	X	X	6mm	Direct to cable	Duplex LC with weatherproofing shroud	Direct to cable	Duplex LC with weatherproofing shroud	Low Smoke Zero Halogen (LSZH)
FJ-2SM-015AN-***M	HELIAX® Discrete Jumper, 2 single mode fiber, 6mm armored cable	2	X	X	6mm	Direct to cable	Duplex LC with weatherproofing shroud	300mm	Simplex LC	Low Smoke Zero Halogen (LSZH)
FJ-2SM-015F-***M	HELIAX® Discrete Jumper, 2 single mode fiber, 7mm cable	2		X	7mm	72mm	Duplex LC	202mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
FHBDW-H2Q22-***	HELIAX® Discrete Fiber drop assembly, hardened full size to LC Duplex, 2 fiber Round Dielectric Cable, Ericsson 2203 / 2205	2			5 mm	610mm	SC/APC	610mm	LC/UPC	PVC

Discrete Fiber

Single Mode Fiber

4 Single Mode Fibers

Part Number (** = length)	Product Description	# Of Fibers (SM)	Armored	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
FJ-4S-1-LC-***M	HELIAX® Discrete Jumper, 4 single mode fiber, 6mm armored cable	4		X	6mm	700mm	IP-LC (ODVA connector)	170mm	Simplex LC	Low Smoke Zero Halogen (LSZH)
FJ-4SM-008-***M	HELIAX® Discrete Jumper, 4 single mode fiber, 6mm cable	4		X	6mm	700mm	Duplex LC	250mm	Duplex LC	Riser Rated
FJ-4MMC102C0-***M	HELIAX® Direct trunk, 4 OM4 Bend-Insensitive multimode fiber. End 1: MPO, End 2: 2 multimode DLC	4		x	5.4 mm	Customer specific	DLC	Customer specific	MPO Female	PVC

6 Single Mode Fibers

Part Number (** = length)	Product Description	# Of Fibers (SM)	Armored	Trunk	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
DFJ-6S010-***	HELIAX® Discrete Trunk, 6 single mode fiber, 8mm armored cable	6	X	X	8mm	815mm	Flex Angle Duplex LC	1067mm	Duplex LC with Nokia weatherproofing boot	PE
DFJ-6S025-***	HELIAX® Discrete Trunk, 6 single mode fiber, 8mm armored cable	6	X	X	8mm	530mm	Duplex LC	530mm	Duplex LC	PE

Discrete Fiber

Single Mode Fiber

12 Single Mode Fibers

Part Number (** = length)	Product Description	# Of Fibers (SM)	Armored	Trunk	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
DFJ-12S010-***	HELIAX® Discrete Trunk, 12 single mode fiber, 8mm armored cable	12	X	X	8mm	815mm	Flex angle Duplex LC with Nokia weatherproofing boot	1067mm	Duplex LC	PE
DFJ-12S025-***	HELIAX® Discrete Trunk, 12 single mode fiber, 8mm armored cable	12	X	X	8mm	530mm	Duplex LC	530mm	Duplex LC	PE
FJ-12S809F1BO-***M	HELIAX® Discrete Trunk, 12 single mode fiber, 8mm armored cable	12		X	8mm	900mm	Duplex LC	Direct to Cable	HMFOC	Low Smoke Zero Halogen (LSZH)
RFF-12SM-001-***M	HELIAX® Discrete Trunk, 12 single mode fiber, 10.3mm cable	12		X	10.3mm	800mm	Duplex LC	2000mm	Duplex LC	Riser Rated

16 Single Mode Fibers

Part Number (** = length)	Product Description	# Of Fibers (SM)	Armored	Trunk	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
FT-16SM-001-***M	HELIAX® Discrete Trunk, 16 single mode fiber, 10.3mm cable	16		X	10.3mm	850mm	Duplex LC	850mm	Duplex LC	Riser Rated
FT-16SM-002-***M	HELIAX® Discrete Trunk, 16 single mode fiber, 10.3mm cable	16		X	10.3mm	850mm	Duplex LC	1100mm	Duplex LC	Riser Rated

Discrete Fiber

Single Mode Fiber

36 Single Mode Fibers

Part Number (** = length)	Product Description	# Of Fibers (SM)	Armored	Trunk	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
RFF-36SM-001-***M	HELIAX® Discrete Trunk, 36 single mode fiber, 10.3mm cable	36		X	10.3mm	850mm	Duplex LC	2200mm	Duplex LC	Riser Rated

48 Single Mode Fibers

Part Number (** = length)	Product Description	# Of Fibers (SM)	Armored	Trunk	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
DFT-48SM-121-***	HELIAX® Discrete Trunk, 48 single mode fiber, 10.3mm cable	48		X	10.3mm	610mm	Duplex LC	937mm	Compatible with ODC interface	Riser Rated
RFF-48SM-001-***M	HELIAX® Discrete Trunk, 48 single mode fiber, 10.3mm cable	48		X	10.3mm	800mm	Duplex LC	800mm	Duplex LC	Riser Rated

Discrete Fiber

Multimode Fiber

2 Multimode Fiber

Part Number (** = length)	Product Description	# Of Fibers (MM)	Armored	Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
DFJ-2M5A-EAS-***M	HELIAX® Discrete Jumper, 2 multimode fiber, 5mm armored cable	2	X	X	5mm	72mm	Duplex LC with weatherproofing shroud	97mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
DFJ-2M5A-NB-***M	HELIAX® Discrete Jumper, 2 multimode fiber, 5mm armored cable	2	X	X	5mm	100mm	Duplex LC with Nokia weatherproofing boot	100mm	Duplex LC with Nokia weatherproofing boot	Low Smoke Zero Halogen (LSZH)
DFJ-2M5A-NB2-***M	HELIAX® Discrete Jumper, 2 multimode fiber, 5mm armored cable	2	X	X	5mm	100mm	Duplex LC with Nokia weatherproofing boot	300mm	Duplex LC	Low Smoke Zero Halogen (LSZH)

16 Multimode Fiber

Part Number (** = length)	Product Description	# Of Fibers (MM)	Armored	Trunk	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
FT-16MM-001-***M	HELIAX® Discrete Trunk, 16 multimode fiber OM4, 8.3mm cable	16		X	8.3mm	500mm	Duplex LC	850mm	Duplex LC	Low Smoke Zero Halogen (LSZH)
FT-16MM-002-***M	HELIAX® Discrete Trunk, 16 multimode fiber OM4, 8.3mm cable	16		X	8.3mm	850mm	Duplex LC	1100mm	Duplex LC	Low Smoke Zero Halogen (LSZH)

Discrete Fiber

Discrete Fiber Plug and Play Solution



Part Number (** = length)	Product Description	# Of Fibers (MM)	Armored	Trunk / Jumper	Jacket OD	End One Maximum Breakout Length (Enclosure/RRU)	End One Connector (Enclosure/RRU)	End Two Maximum Breakout Length (Enclosure/RRU)	End Two Connector (Enclosure/BBU)	Jacket Material
FPP-12SU-***M	HELIAX® Discrete Plug and Play Solution, 12 single mode fiber, one 10mm trunk, six 5mm armored jumper cables	12	X	X	10mm	10000mm	Duplex LC with weatherproofing shroud and Nokia weatherproofing boot		Duplex LC with Nokia weatherproofing boot	Low Smoke Zero Halogen (LSZH)

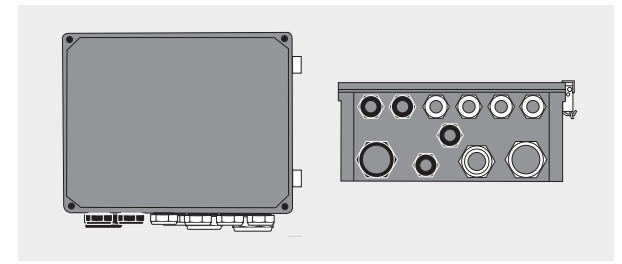
Enclosures



Fiber Storage

Part Number	Product Description	Dimension (H x W x D)	Fiber Only
FBR-COIL-S	HELIAX® Excess Discrete Fiber Coiling Reel, accommodates 16ft (5m) of excess 7mm fiber, stackable, PIM free	8in x 5.5in x 2in	X
FBR-COIL-SK3	HELIAX® Excess Discrete Fiber Coiling Reel, accommodates 16ft (5m) of excess 7mm fiber, weights 5lbs fully populated, stackable, PIM free kit of three	8in x 5.5in x 2in	X
FE-14126-E	HELIAX® Excess Fiber Enclosure Box kit includes 5' of flexible conduit and a NPT fitting, excess storage capacity of 100 ft	12in x 14in x 6in	X
FE-14192-IR	HELIAX® Universal Fiber Management Panel	1.75in x 19in x 14in	X
FE-1463-01	HELIAX® Outdoor Excess Cable Enclosure	14in x 6in x 3in	X
FE-18184	HELIAX® Outdoor Excess Cable Enclosure	17in x 14in x 8in	X

Enclosures



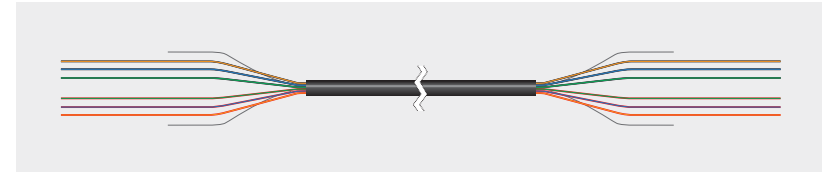
Fiber/Power

Part Number	Product Description	Dimensions (H x W x D)	RRU Count	OVP	Internal grounding
FE-12104-G-8-R4	HELIAX® Fiber and Power Enclosure Box for 1 808 Series Hybrid Trunk / 4 Hybrid Jumper Cables with Internal Grounding	12.5in x 10.5in x 4in	4		X
FE-12104-G-R4	HELIAX® Fiber and Power Enclosure Box for 1 Hybrid Trunk / 4 Hybrid Jumper Cables with Internal Grounding	12.5in x 10.5in x 4in	4		X
FE-12104-TR4	HELIAX® Fiber and Power Enclosure Box for 1 Hybrid Trunk / 4 Hybrid Jumper Cables, Blue and Grey Terminal Blocks	12.5in x 10.5in x 4in	4		
FE-12106-R11	HELIAX® Fiber and Power Enclosure Box for 1 Hybrid Trunk, 1 Fiber Trunk, 1 Power Trunk, 8 Hybrid Jumper, Grey Terminal Blocks, 2 Grounding Blocks	12.5in x 10.5in x 6in	8		
FE-16148-B12	HELIAX® Bottom mounted Fiber and Power Enclosure Box, 6 AWG terminals	16in x 14in x 8in	6		

Accessories

Part Number	Product Description
FE-MNT	HELIAX® Enclosure Box Wall Mount Kit (4 - mounting tabs and 4 - phillips screw 1/4-20)

Power Cable



12 AWG

Part Number	Product Description	Shielded	Jumper	Jacket OD	Number Of Conductors	Gauge	Conductor Color
PWRT-212-S	HELIAX® Power Cable, 2 conductor with shield, 12 AWG	X	X	10.1mm	2	12	Red and Black
PWRT-312-SC	HELIAX® Power Cable, 3 conductor with shield, 12 AWG	X	X	10.1mm	3	12	Red and Black and Green

10 AWG

Part Number	Product Description	Shielded	Jumper	Jacket OD	Connector Type	Number Of Conductors	Gauge	Conductor Color
DPJ-210-NBNB-2M	HELIAX® Power Cable Assembly for Nokia FPCB, 2 x 10 AWG, shielded	X	X	12.4mm	DC connector with boot on both ends	2	10	Red and Black
PWRT-210-S	HELIAX® Power Cable, 2 conductor with shield, 10 AWG	X	X	12.4mm		2	10	Red and Black

8 AWG

Part Number	Product Description	Shielded	Truck	Jumper	Jacket OD	Number Of Conductors	Gauge	Conductor Color
PWRT-208-S	HELIAX® Power Cable, 2 conductor with shield, 8 AWG	X		X	14.2 mm	2	8	Red and Black
PWRT-208-SH	HELIAX® Power Cable, 2 conductor with shield, 8 AWG	X		X	14.2 mm	2	8	Blue and Black
PWRT-208-LI	HELIAX® Power Cable, 1 Low Inductance conductor with shield, 8 AWG	X		X	11.3 mm	2	8	Red and Black
PWRT-608-S	HELIAX® Power Cable, 6 conductor with shield, 8 AWG	X	X		20.8 mm	6	8	Black with blue stripe, Red with blue stripe, Black with orange stripe, Red with orange stripe, Black with green stripe, Red with green stripe

Power Cable

6 AWG

Part Number	Product Description	Shielded	Jumper	Jacket OD	Connector Type	Number Of Conductors	Gauge	Conductor Color
DPJ-206-150	HELIAX® Power cable jumper, 2 conductor with ground and drain wire, shielded, one 6AWG Red conductor, one 6AWG Black conductor, 150 feet.	X	X	12.4mm	DC connector with boot on both ends	2	10	Red and Black

6 AWG

Part Number	Product Description	Shielded	Truck	Jacket OD	Number Of Conductors	Gauge	Conductor Color
PWRT-606-S	HELIAX® Power Cable, 6 conductor with shield, 6 AWG	X	X	23.3mm	6	6	Black with blue stripe, Red with blue stripe, Black with orange stripe, Red with orange stripe, Black with green stripe, Red with green stripe
PWR-806-SE-***M	HELIAX® Power Cable, 8 conductor with shield, 6 AWG	X	X	29.1mm	8	6	Blue and Grey

4 AWG

Part Number	Product Description	Shielded	Truck	Jacket OD	Number Of Conductors	Gauge	Conductor Color
PWRT-604-S	HELIAX® Power Cable, 3 Low Inductance conductors with shield, ground and drain wire, 4 AWG	X	X	29.21mm	6	4	Blue, Green, Orange, Red (3)

Accessories

SnapStak Hangers for large fiber, power and hybrid cables

These stackable hangers are designed to fit a range of cable diameters without additional grommets. 100% stainless steel construction for reliable attachment of heavy hybrid and power cables.

Part Number	Product Description
SSH-M	SNAPSTAK CABLE HANGER, 14.0 MM - 25.0 MM CABLES, PACK OF 10
SSH-L	SNAPSTAK CABLE HANGER, 25.0 MM - 36.0 MM CABLES, PACK OF 10
SSH-XL	SNAPSTAK CABLE HANGER, 36.0 MM - 51.0 MM CABLES, PACK OF 10
SA-ISO	PIM ISOLATOR FOR METAL SNAPSTAK HANGERS



SnapStak Plus Adjustable Steel Hangers

SnapTak Hangers for small diameter fiber, power and hybrid cables

These stackable hangers are designed to fit a range of cable diameters without additional grommets. 100% polymer construction eliminates PIM from installation components near the antenna field.

Part Number	Product Description
SSH-47	SNAPTAK CABLE HANGER, 4.0 MM - 7.0 MM CABLES, PACK OF 10
SSH-710	SNAPTAK CABLE HANGER, 7.0 MM - 10.0 MM CABLES, PACK OF 10
SSH-1014	SNAPTAK CABLE HANGER, 10.0 MM - 14.0 MM CABLES, PACK OF 10
SSH-1416	SNAPTAK CABLE HANGER, 14.0 MM - 16.0 MM CABLES, PACK OF 10



SnapTak Adjustable PIM-Guard Hangers

Accessories

Essential Hanger Adapters

Part Number	Product Description
SA-1C	PIM free composite snap-in adapter, 1 position, pack of 10
SA-1TR	PIM free Multifunction adapter, pack of 10
UA-3	Low PIM stainless steel angle adapter, pack of 10
CT-460-100	Cable tie, heat stabilized, weather resistant, 460 mm length, pack of 100
CB-12-50	Cable banding, bulk, ½ inch X 50 foot reel
CB-LH-25	Locking heads for cable banding number CB-12-50, pack of 25
CB-IT	Installation tool for cable banding CB-12-50
STRT-1	SnapTak hanger removal tool



PIM-Free Adapter



Cable Tie



Cable Banding



Locking Heads for cable banding



Installation Tool for cable banding

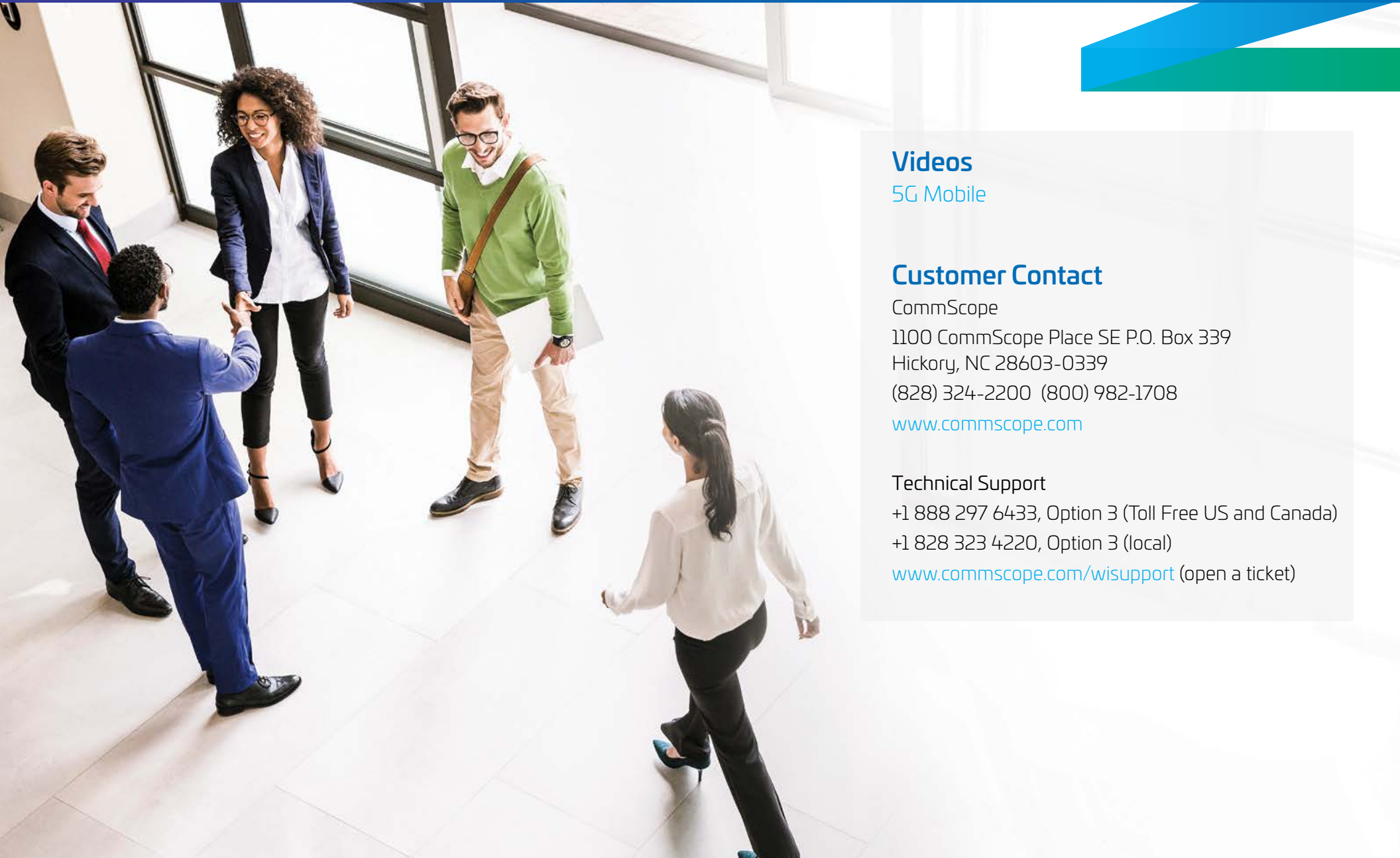
Cable Grounding

Hybrid trunk cables should be grounded at three points along the run. Commscope's universal grounding kit constructed of solid copper provides the protection your site needs.

Part Number	Product Description
UG12158-15B4-T	Universal grounding kit for cables 14mm to 51mm in diameter



Universal Grounding Kit



Videos

[5G Mobile](#)

Customer Contact

CommScope

1100 CommScope Place SE P.O. Box 339
Hickory, NC 28603-0339

(828) 324-2200 (800) 982-1708

www.commscope.com

Technical Support

+1 888 297 6433, Option 3 (Toll Free US and Canada)

+1 828 323 4220, Option 3 (local)

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