

MPO/MTP® Hydra Cable Assemblies



(Only for reference)

- LC Duplex or SC Simplex Connector 1
- Female/Male MPO/MTP Connector 2
- Factory Terminated and Tested
- Lightweight
- High density
- Flexibility

General Specifications

Construction and Physical Properties

i. Cable

Standards	LSZH: IEC 60754-1; IEC 60754-2; IEC 61034 Flame Retardant: IEC 60332-1; IEC 60332-3-24
Fibre	Primary coated fibres
Fibre Colours	According to TIA/EIA 598-C: blue, orange, green, brown, grey, white, red, black, yellow, violet, pink and aqua
Strength member	Ultra high modulus Aramid yarns
Sheath	Low smoke halogen free, flame resistant thermoplastic sheathing compound
Nominal dimensions	Single Jacket: $\varnothing 3.0$ (1x8/1x12F), $\varnothing 3.8$ (1x24F) Double Jacket: $\varnothing 4.5$ (1x8/1x12F), $\varnothing 5.6$ (1x24F), $\varnothing 9.5$ (2x12F)
Connector Type 1	LC Duplex or SC Simplex
Connector Type 2	MPO/MTP® Female/Male Push Pull Locking
Ferrule	Fibre Elite® ferrule, PPS
MPO/MTP® Connector assembly tension	44N

ii. Optical Performance

Fibre	Type	Insertion Loss Max.	Return Loss Min.
MM	MPO/MTP®	0.50 dB	26 dB

	LC/SC	0.25 dB	30 dB
	MPO/MTP®	0.75 dB	45 dB (UPC), 55 dB (APC)
SM	LC/SC	0.30 dB	50 dB (UPC), 65 dB (APC)

Packaging Length > 50m- PE Bag; Length > 50m- Drum

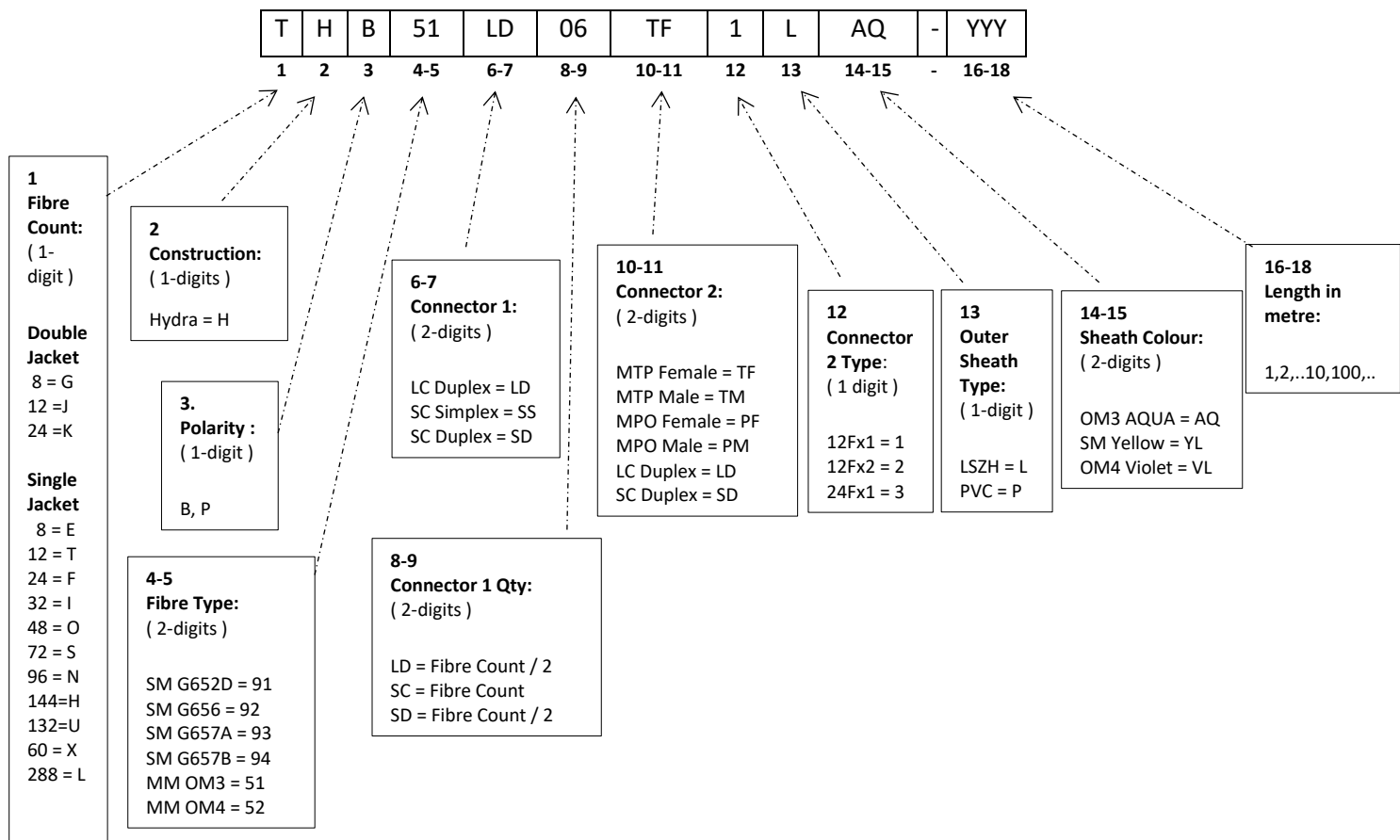
Temperature Range Operating: -10°C +60°C, Storage: -20°C to +70°C, Installation: -5°C to +50°C

Standards

ANSI/TIA-568-C.3, ISO/IEC 24764, ISO/IEC 11801, EN 50173, IEC60794-2, GR-409-CORE, GR-1435-CORE, RoHS

Ordering Information

UC Part Number

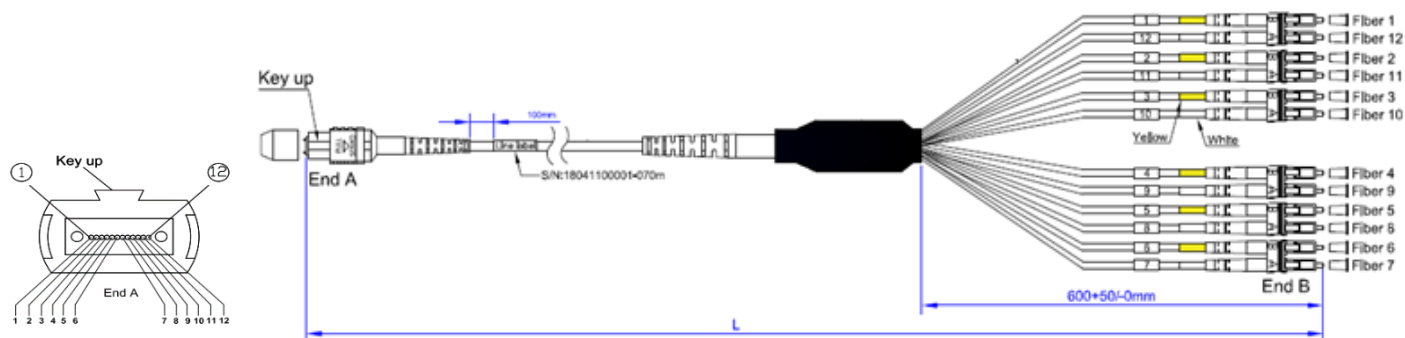


UC Part Number	SAP1C	Description	Weight (g)	Packaging
<u>LC-MPO/MTP Female Hydra Cable</u>				
THB51LD06PF1LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 1xMPO/UPC-12(FEMALE) TO 6LC/UPC DUPLEX LSZH XXXm AQUA TYPE "B"	TBC	1 pc / package
THB51LD06TF1LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 1xMTP/UPC-12(FEMALE) TO 6LC/UPC DUPLEX LSZH XXXm AQUA TYPE "B"	TBC	1 pc / package
FHB51LD12PF2LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 2xMPO/UPC-12(FEMALE) TO 12LC/UPC DUPLEX LSZH XXXm AQUA TYPE "B"	TBC	1 pc / package
FHB51LD12TF2LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 2xMTP/UPC-12(FEMALE) TO 12LC/UPC DUPLEX LSZH XXXm AQUA TYPE "B"	TBC	1 pc / package
THP51LD06PF1LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 1xMPO/UPC-12(FEMALE) TO 6LC/UPC DUPLEX LSZH XXXm AQUA TYPE "P"	TBC	1 pc / package
THP51LD06TF1LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 1xMTP/UPC-12(FEMALE) TO 6LC/UPC DUPLEX LSZH XXXm AQUA TYPE "P"	TBC	1 pc / package
FHP51LD12PF2LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 2xMPO/UPC-12(FEMALE) TO 12LC/UPC DUPLEX LSZH XXXm AQUA TYPE "P"	TBC	1 pc / package
FHP51LD12TF2LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 2xMTP/UPC-12(FEMALE) TO 12LC/UPC DUPLEX LSZH XXXm AQUA TYPE "P"	TBC	1 pc / package
<u>LC-MPO/MTP Male Hydra Cable</u>				
THB51LD06PM1LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 1xMPO/UPC-12(MALE) TO 6LC/UPC DUPLEX LSZH XXXm AQUA TYPE "B"	TBC	1 pc / package
THB51LD06PM1LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 1xMTP/UPC-12(MALE) TO 6LC/UPC DUPLEX LSZH XXXm AQUA TYPE "B"	TBC	1 pc / package
FHB51LD12PM2LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 2xMPO/UPC-12(MALE) TO 12LC/UPC DUPLEX LSZH XXXm AQUA TYPE "B"	TBC	1 pc / package
FHB51LD12PM2LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 2xMTP/UPC-12(MALE) TO 12LC/UPC DUPLEX LSZH XXXm AQUA TYPE "B"	TBC	1 pc / package
THP51LD06PM1LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 1xMPO/UPC-12(MALE) TO 6LC/UPC DUPLEX LSZH XXXm AQUA TYPE "P"	TBC	1 pc / package
THP51LD06PM1LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 1xMTP/UPC-12(MALE) TO 6LC/UPC DUPLEX LSZH XXXm AQUA TYPE "P"	TBC	1 pc / package

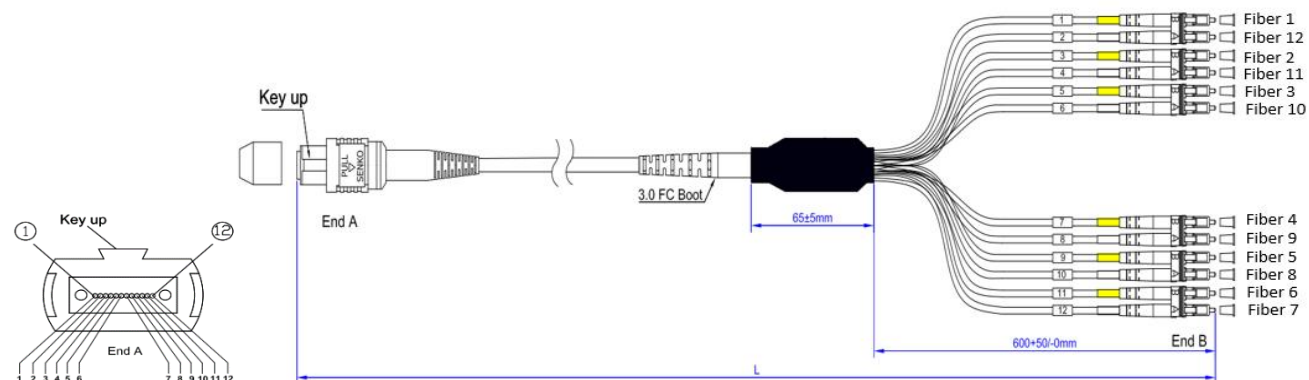
FHP51LD12PM2LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 2xMPO/UPC-12(MALE) TO 12LC/UPC DUPLEX LSZH XXXm AQUA TYPE "P"	TBC	1 pc / package
FHP51LD12PM2LAQ-XXX	TBC	DRAKA UCCONNECT HYDRA CABLE 2xMTP/UPC-12(MALE) TO 12LC/UPC DUPLEX LSZH XXXm AQUA TYPE "P"	TBC	1 pc / package

Product Mapping

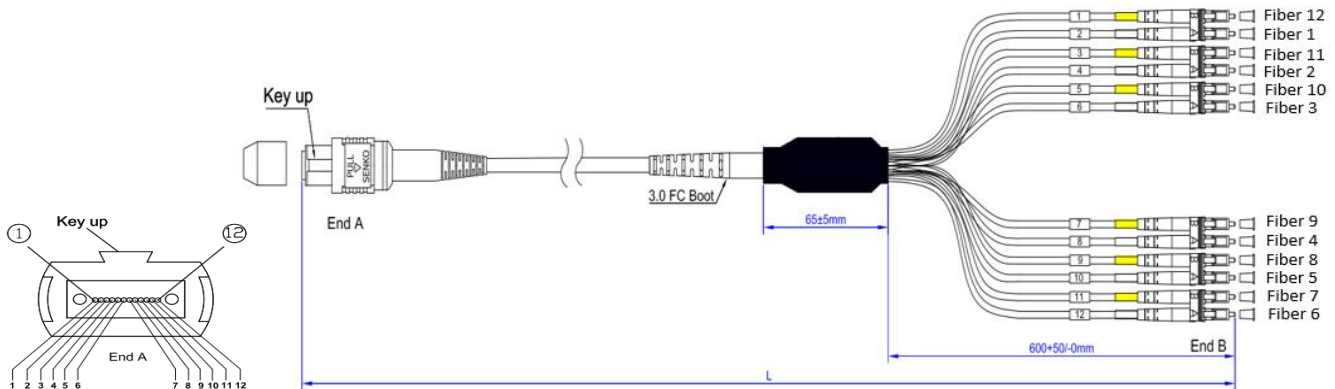
Polarity B mapping



Polarity P mapping (MM)



Polarity P mapping (SM)



Enquiries

Please contact our local sales office or email to: mms.asia@prysmiangroup.com

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