

UCCONNECT® MPO/MTP® Trunk Cable Assemblies



MPO/MTP® Trunk Cable Assemblies

- Female (Standard) & Male MTP Connectors
- Type A , B and C available
- Factory Terminated and Tested
- Lightweight
- High Density

Standards

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

Specification

Construction and Physical Properties

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	Halogen free, flame resistant thermoplastic sheathing compound							
Nominal dimensions	1x8F	1x24F	2x12F	36F	32/48F	72F	96F	144F
	1x12F	3X8F						
Max installation tension	200N	440N	660N	660N	660N	660N	660N	660N
Bend radius	Without tension 10 x OD, Under tension 20 x OD							

Connector

Connector Type	MPO/MTP® Push Pull Locking
Ferrule	Fibre Elite® ferrule, PPS
MPO/MTP® Connector assembly tension	44N

Optical Performance






Fibre	Type	Insertion Loss Max.	Return Loss Min.
MM	MPO/MTP®	0.50 dB	26 dB
		0.35 dB(Low Loss)	
SM	MPO/MTP®	0.75 dB	45 dB (UPC), 55 dB (APC)
		0.35 dB(Low Loss)	

Packaging Length ≤ 50m - PE Bag / Length > 50m - Drum

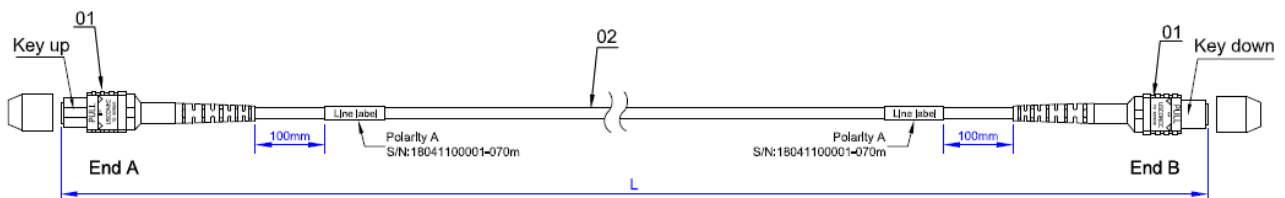
Temperature Range Operating: -10°C +60°C, Storage: -20°C to +70°C, Installation: -5°C to +50°C

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Color Coding

Item	Color Coding				
	SM	OM1&OM2	OM3	OM4	OM5
Cable	Yellow	Orange	Aqua	Violet	Lime Green
					

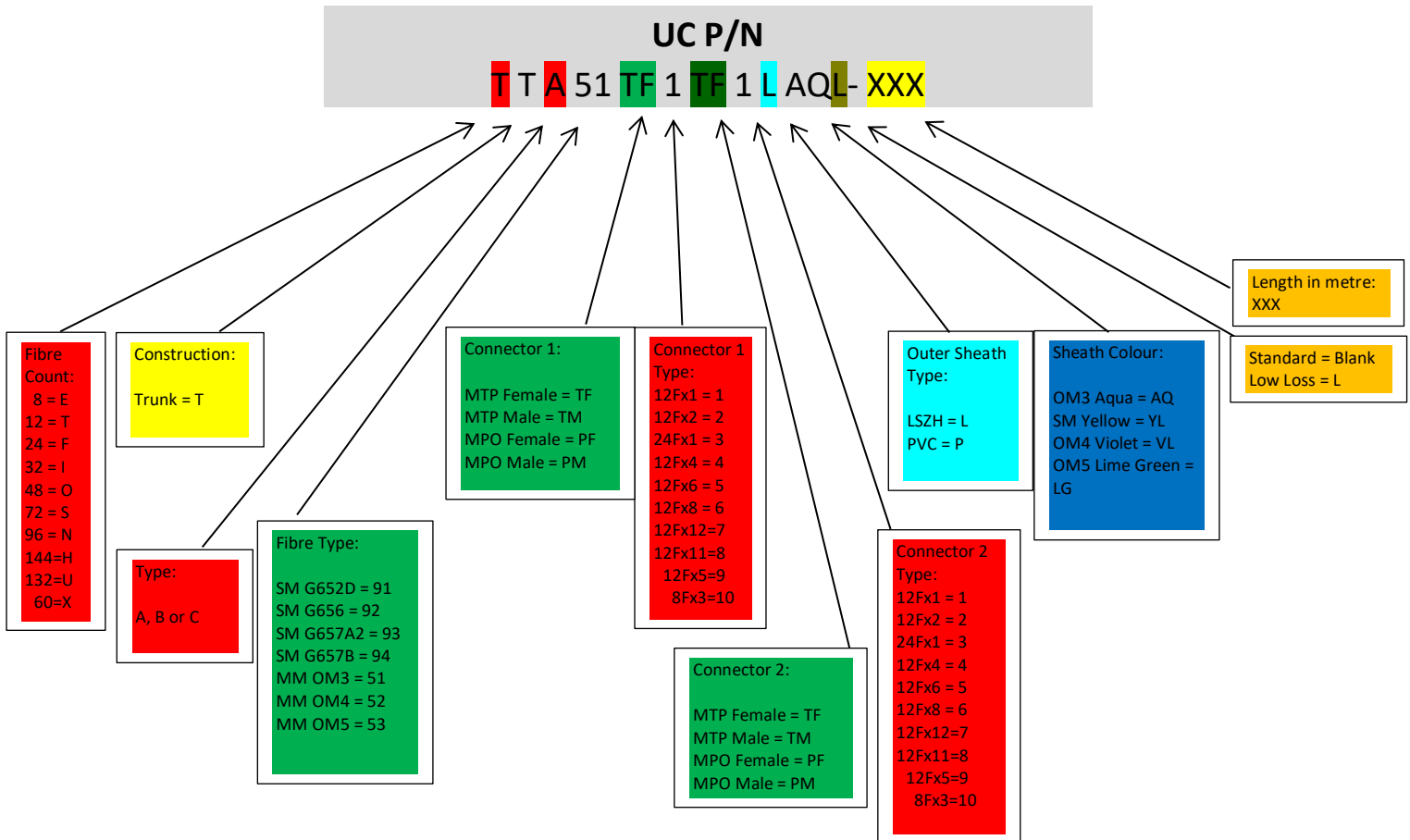
Product Drawing



Type		OM3 (850/1300nm)	OM4 (850/1300nm)	OM5(850/953/1300nm)	SM (1310/1550nm)
Cable Attenuation MAX	dB/km	3.0/1.0	3.0/1.0	3.0/2.3/1.0	0.4/0.3
Overfilled Modal Bandwidth, MIN	MHz/km	1500/500	3500/500	3500/1850/500	/
Effective Modal Bandwidth, MIN	MHz/km	2000	4700	4700/2470/	/

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Ordering Information



Remark: MPO/MTP-APC for SM, MPO/MTP-UPC for MM as standard.

SAP1C	UC P/N	Material Description	Item per Packing Unit
na	ETA51PF1PF1LAQ-XXX	UC TRUNK CABLE 8F OM3 1MPO-1MPO FEMALE LSZH Type "A" XXX m AQUA	1
na	ETA51PF1PF1LAQ-XXX	UC TRUNK CABLE 8F OM3 1MTP-1MTP FEMALE LSZH Type "A" XXX m AQUA	1
na	TTA51PF1PF1LAQ-XXX	UC TRUNK CABLE 12F OM3 1MPO-1MPO FEMALE LSZH TYPE "A" XXX m AQUA	1
na	TTA51TF1TF1LAQ-XXX	UC TRUNK CABLE 12F OM3 1MTP-1MTP FEMALE LSZH TYPE "A" XXX m AQUA	1
na	FTA51PF2PF2LAQ-XXX	UC TRUNK CABLE 24F OM3 2MPO-2MPO FEMALE LSZH TYPE "A" XXX m AQUA	1
na	ETB51PF1PF1LAQ-XXX	UC TRUNK CABLE 8F OM3 1MPO-1MPO FEMALE LSZH TYPE "B" XXX m AQUA	1
na	ETB51TF1TF1LAQ-XXX	UC TRUNK CABLE 8F OM3 1MTP-1MTP FEMALE LSZH TYPE "B" XXX m AQUA	1
na	TTB51PF1PF1LAQ-XXX	UC TRUNK CABLE 12F OM3 1MPO-1MPO FEMALE LSZH TYPE "B" XXX m AQUA	1
na	TTB51TF1TF1LAQ-XXX	UC TRUNK CABLE 12F OM3 1MTP-1MTP FEMALE LSZH TYPE "B" XXX m AQUA	1
na	FTB51PF2PF2LAQ-XXX	UC TRUNK CABLE 24F OM3 2MPO-2MPO FEMALE LSZH TYPE "B" XXX m AQUA	1
na	ETC51PF1PF1LAQ-XXX	UC TRUNK CABLE 8F OM3 1MPO-1MPO FEMALE LSZH TYPE "C" XXX m AQUA	1
na	ETC51TF1TF1LAQ-XXX	UC TRUNK CABLE 8F OM3 1MTP-1MTP FEMALE LSZH TYPE "C" XXX m AQUA	1
na	TTC51PF1PF1LAQ-XXX	UC TRUNK CABLE 12F OM3 1MPO-1MPO FEMALE LSZH TYPE "C" XXX m AQUA	1

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na	TTC51TF1TF1LAQ-XXX	UC TRUNK CABLE 12F OM3 1MTP-1MTP FEMALE LSZH TYPE "C" XXX m AQUA	1
na	FTC51PF2PF2LAQ-XXX	UC TRUNK CABLE 24F OM3 2MPO-2MPO FEMALE LSZH TYPE "C" XXX m AQUA	1

Enquiries

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

Multimedia Solutions is the data communication portfolio of Prysmian Group and comprises all the necessary portfolio of cable solutions for data communication.

Ask about UCCONNECT[®] for a complete Structured Cabling Solution with 25 Years System Warranty.

Visit www.DrakaUC.com for more information.

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