

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	1x8/1x12/ 1x24F	2x12F	36F	32/48F	72F	96F	144F
	3.0mm	9.5mm	9.5mm	9.5mm	12.2mm	14.1mm	18.1mm
Max Installation Tension	200N	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
SM	MPO/MTP [®]	0.75 dB	45 dB (UPC), 55 dB (APC)

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

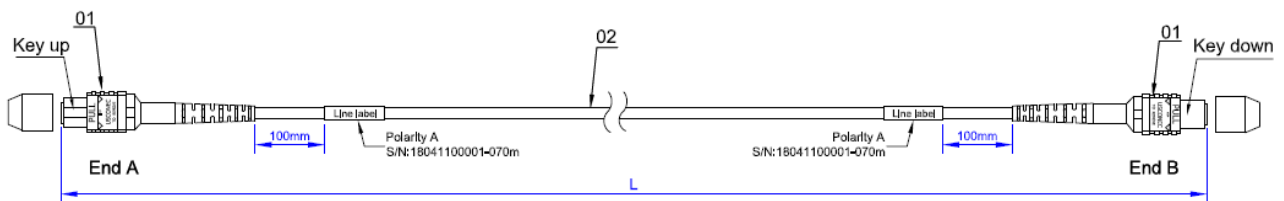
Temperature Range Operating: -10°C +60°C, Storage: -20°C to +70°C, Installation: -5°C to +50°C

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Color Coding

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

Product Drawing

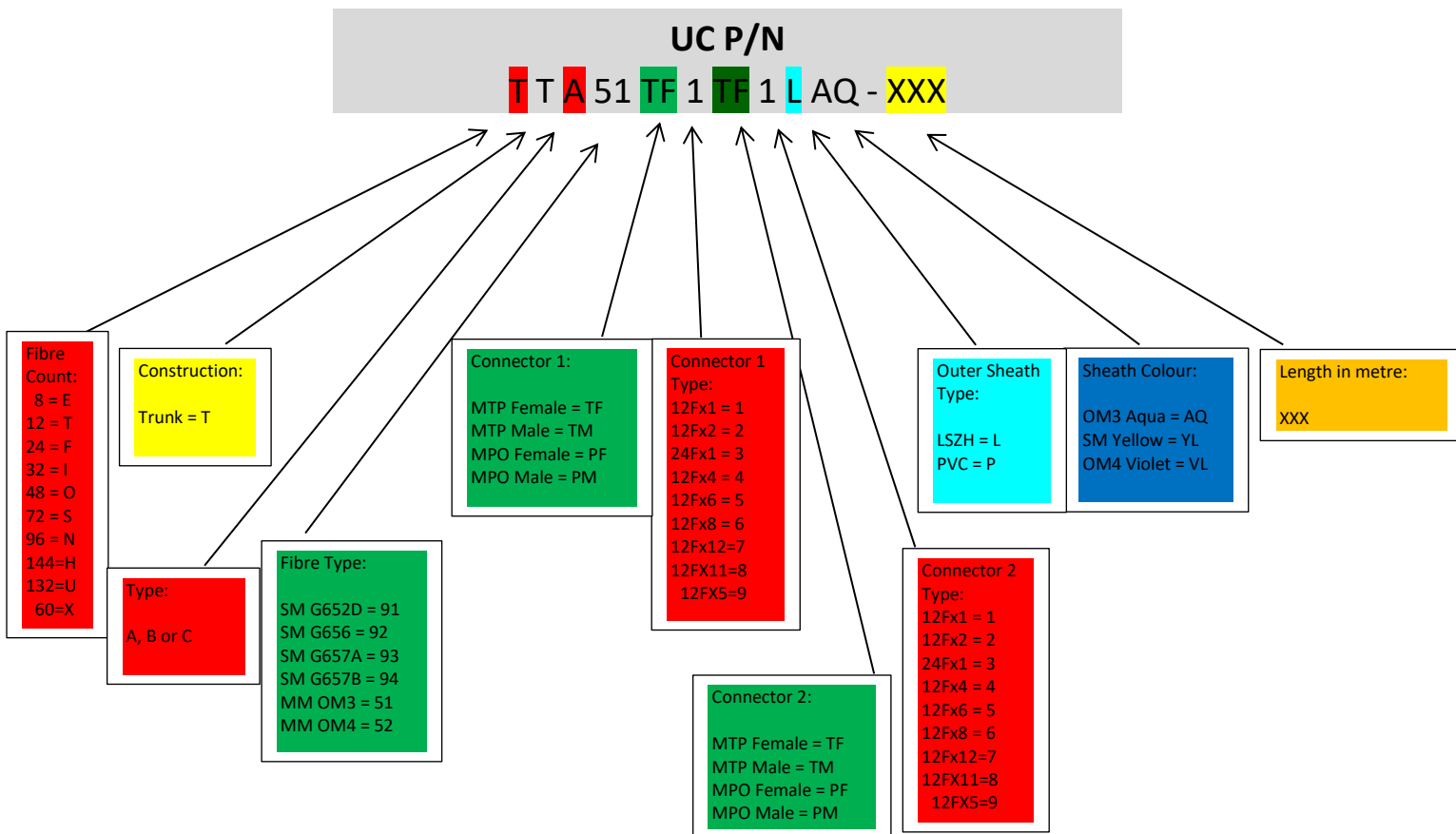


Type		OM3 (850/1300nm)	OM4 (850/1300nm)	SM (1310/1550nm)
Cable Attenuation MAX	dB/km	3.0/1.0	3.0/1.0	0.4/0.3
Overfilled Modal Bandwidth, MIN	MHz/km	1500/500	3500/500	/
Effective Modal Bandwidth, MIN	MHz/km	2000	4700	/

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Ordering Information

Ordering Information



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

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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
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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