

Cable Information ;

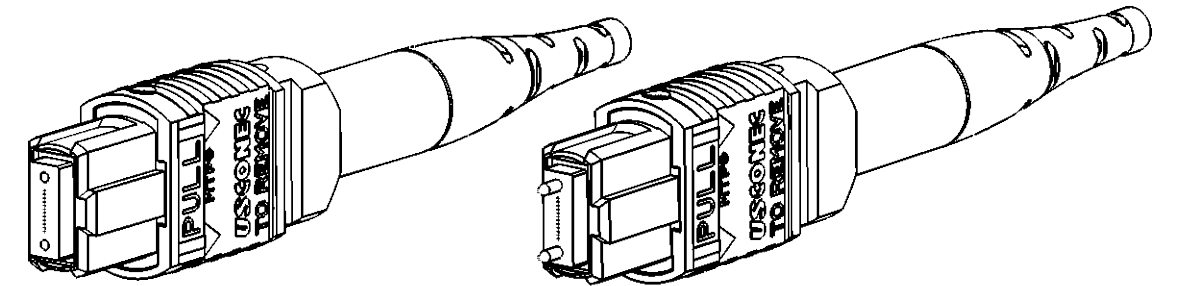
Fiber Type : Single Mode : 9/125µm A2 ; Multi Mode : 50/125µm OM3/OM4/OM5
 Jacket Color : Yellow (A2) , Aqua(OM3) , Heater Violet(OM4) , Lime Green(OM5)
 Cable Diameter: 3.0 mm
 CPR Grade : Dca, s2, d0, a1
 Jacket Material : LSZH (Low Smoke Zero Halogen)

Label A	
Serial Number	WOXXXX-XXXX
Item Coding	
Length/Polarity	XXX Meters / Pol. X

Optical Performances				
Fiber Type	Connection	IL [dB] Mean/Maximum	RL [dB]	WL [nm]
Singlemode	Angled	≤ 0.10 / 0.35	≥ 60	1310&1550
Multimode	Flat		≥ 20	850&1300

Test Standards and Reporting			
Criteria	Test Standard	Test Frequency	Reporting
Insertion loss	IEC 61300-3-4 / B	100%	100%
Return loss	IEC 61300-3-6	100%	100%
Endface Geometry MFC	IEC 61755-3-31	100%	100%
Polarity(Wiring) Control	TIA-568.3	100%	None
Endface Inspection	IEC 61300-3-35	100%	None
Length Tolerance Control	IEC 60793-1-22 [53]	100%	None

Patch cord lengths and length tolerances		
Total Length L (m)	Length Tolerance (cm)	Special Length Tolerance (cm)
L ≤ 1	-0 / + 5	-0 / + 2
1 > L ≤ 10	-0 / + 10	-0 / + 2
10 > L ≤ 20	-0 / + 20	-0 / + 2
L > 20	± 1 % of L	-0 / + 2



12F MTP Elite Female

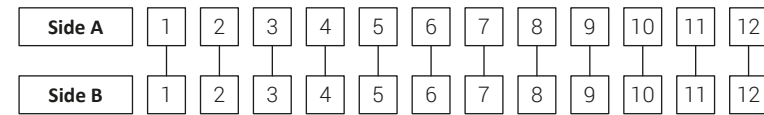
12F MTP Elite Male

SAMM TEKNOLOJİ A.Ş. GOSB İhsandede Cd. 800. Sok. No: 802, 41400 Gebze-Kocaeli	DRAWN BY	5038	01.01.2020	PROJECT NUMBER	
	CHECKED BY	1793	01.01.2020	PROJECT REF.	
	APPROVED BY	1793	01.01.2020	CUSTOMER	
ALL DIMENSIONS ARE IN MM. ALL DIMENSIONS APPLY AFTER PLATING	12F MTP Elite to MTP Elite 3.0 mm Fiber Optic Patch Cord Assemblies I-PC-12-MT-030-XX-X-MTPEx-MTPEx-XXXM			REV	01
				SCALE	1:1
				SHEET NUMBER	1 OF 2
				DOC. NO	DES_ASS_200101_02

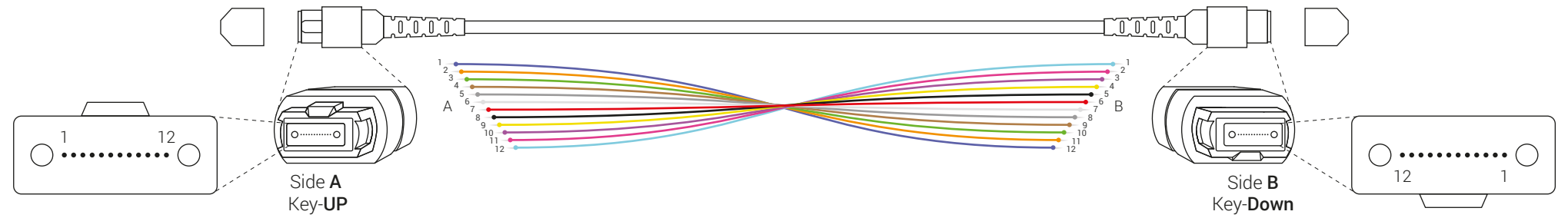
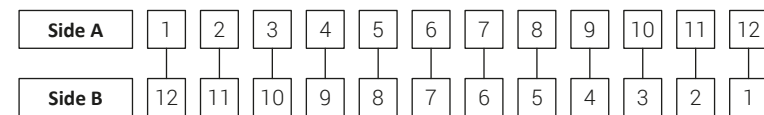
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Base-12 MTP to MTP Multi-Fiber Patch Cord Polarity

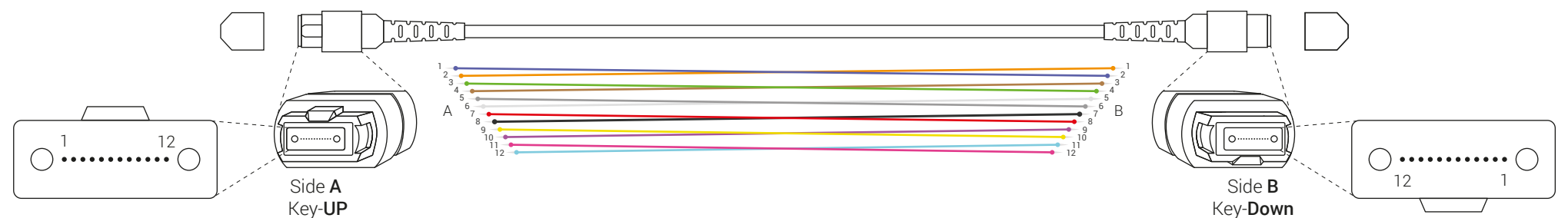
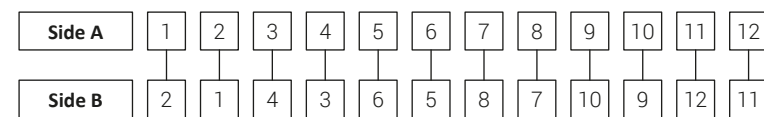
Type A "Straight Through"



Type B "Cross"



Type C "Cross Pair"



Notes:

1- Side B is flipped upside down for a simpler illustration of the polarity, in practice it is plugged in straight up.

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ALL DIMENSIONS ARE IN MM. ALL DIMENSIONS APPLY AFTER PLATING	12 Fibers MTP to MTP Polarity and Positioning According to TIA-568.3			REV	01
				SCALE	1:1
				SHEET NUMBER	2 OF 2
				DOC. NO	DES_ASS_200101_02

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