

### Cable Information ;

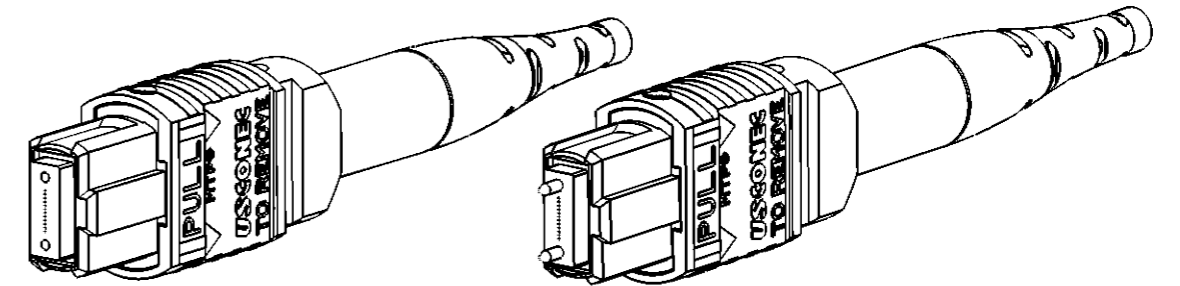
Fiber Type : Single Mode : 9/125µm A2 ; Multi Mode : 50/125µm OM3/OM4/OM5  
 Jacket Color : Yellow (A2) , Aqua(OM3) , Heater Violet(OM4) , Lime Green(OM5)  
 Cable Diameter: 3.0 mm  
 CPR Grade : Dca, s2, d0, a1  
 Jacket Material : LSZH ( Low Smoke Zero Halogen )

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

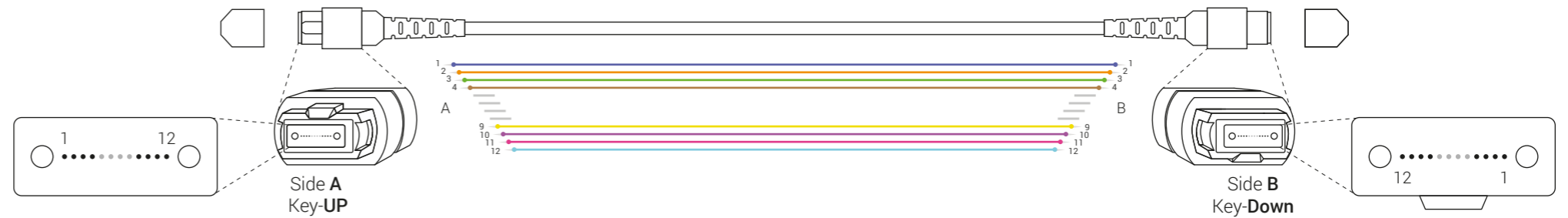
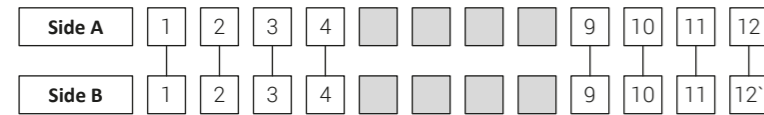
12F MTP Elite Male

<b>SAMM TEKNOLOJİ A.Ş.</b> 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	<b>8F MTP Elite to MTP Elite 3.0 mm          Fiber Optic Patch Cord Assemblies          I-PC-08-MT-030-XX-X-MTPEx-MTPEx-XXXM</b>			REV	01
				SCALE	1:1
				SHEET NUMBER	1 OF 2
				DOC. NO	DES_ASS_200101_03

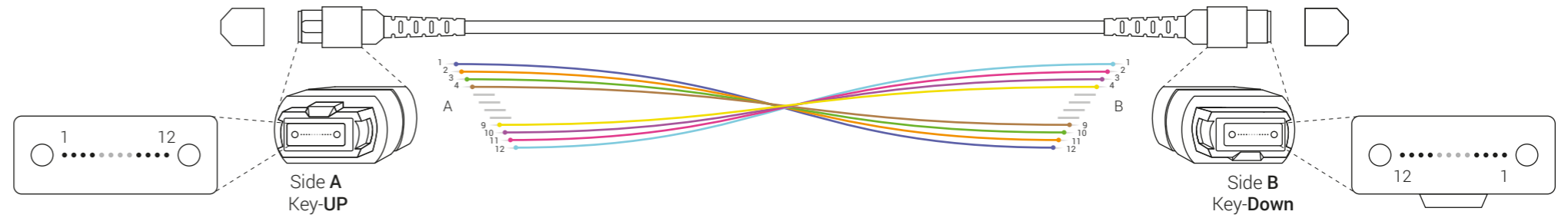
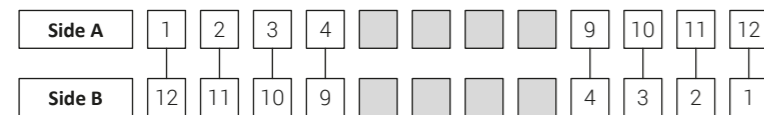
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# Base-8 MTP to MTP Multi-Fiber Patch Cord Polarity

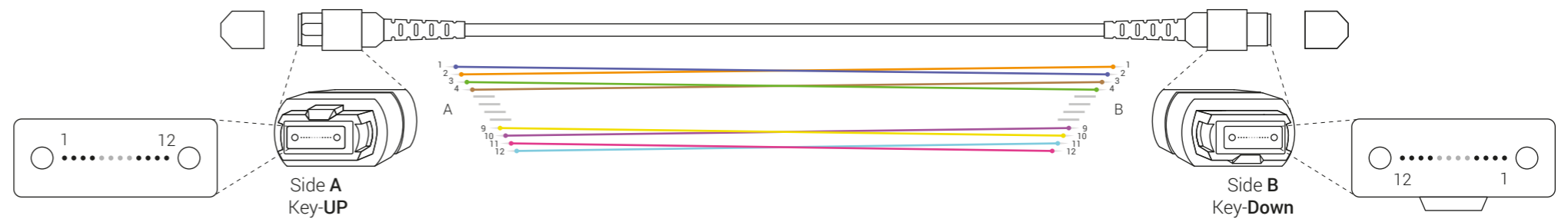
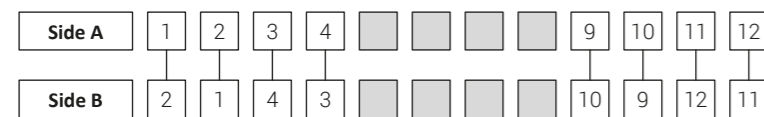
## Type A "Straight Through"



## 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.
- 2- Base-8 connectors have a ferrule layout that is similar of to Base-12 connectors, the only difference is that in Base-8 the 4 cores in the middle are disabled.

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	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	<b>8 Fibers MTP to MTP                  Polarity and Positioning                  According to TIA-568.3</b>			REV	01
				SCALE	1:1
				SHEET NUMBER	2 OF 2
				DOC. NO	DES_ASS_200101_03

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