

TEST REPORT

SM-SLT-SA-SW 12FO (1T-12F)

1.CABLE CONSTRUCTURE TESTS				
	Standart Required	With Measurement	Value	RESULT
Fiber Color Control	Blue,Orange,Green,Brown,Grey,White,Red,Black,Yellow,Pink,Aqua	Visual	Appropriate	OK
Loose Tube Color	White	Visual	Appropriate	OK
Loose Tube Diameter	Nom 2.8mm	Caliper	2.8mm	OK
Steel Wire Diameter	Nom 1.12mm	Micrometer	1.12mm	OK
Outer Sheath Thickness	2.8mm	Caliper	2.82	OK
Marking	**	Visual	Appropriate	OK

** ETK CABLE 2021 12 FO SM 9/125 SLT-SA-SJ - SW FIBER OPTIC CE Class Fca METRE

2.PERFORMANCE TESTS				
	Standart Required	With Measurement	Value	RESULT
Tensile Test IEC 60794-1-21 E1	5000N , $\Delta \leq 0.33\%$ 1500N $\Delta \leq 0.05dB$	Test Equipment	0.034% 0.025dB	OK
Crush Test IEC 60794-1-21 E3	3000 ,15 minute $\Delta \leq 0.05dB$	Test Equipment	0.012dB	OK
Impact Test IEC 60794-1-21 E4	3 times(different point) $\Delta \leq 0.05dB$,no breaking	Test Equipment	0.01dB No break	OK
Torsion Test , $\pm 180^{\circ}C$ IEC 60794-1-21 E7	10 cycle , $\Delta \leq 0.05dB$ no breaking	Test Equipment	0.012dB	OK
Repeated Bending IEC 60794-1-21 E6	20xd ,(35 bend) no breaking	Test Equipment	No break	OK
Cable Bend Test IEC 60794-1-21E11	20xD , Not broken , $\leq 0.05dB$	Test Equipment	0.014dB No break	OK
Temperature Cycling Test IEC 60794-1-22 F1	-20 \leq ... \leq +70 $\Delta \leq 0.1dB$	Test Room	0.009dB	OK
Water Penetration Test IEC 60794-1-22 F5B	3m cable with 1m water height , duration 24hrs	Water Penetration Equipment	No leak	OK

***OTDR TEST RESULTS HAVE BEEN SENT TO CUSTOMER.

Test By
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Approved By
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