

Reliability Test Report

Sheet number: 20220506001

Date	2022/5/6	Product Name	Mini Fiber Cable	Product model	12C-3.0MM-LSZH-Sea Blue	Order NO.	/
Customer	/	Sample QTY	2PCS	Test item	Vertical Burning Test (Eca)	Standard	IEC 60332-1-2
Test objective	Inspect the flame retardant performance of the wire (ECA level) according to CPR.						
Acceptance standard	Following the test, ensure that the distance between the lower edge of the upper bracket and the starting point of the carbonized part is over 50mm, while the distance between the lower edge of the upper bracket and the lower starting point of the carbonized part does not exceed 540mm.						
Test conditions	Propane pressure: between 0.02MPa and 0.05MPa; "gas flow": 0.65±0.3 range; "air flow" in the range of 10±0.5; 1 kW pre-mixed flame, 45s fire, continuous combustion for 60 seconds.						
Test device	Single vertical combustion test machine			Test Lab	BEYONDTECH EUROPE SL LAB		
Start time	2022.05.06 11:05:00			Terminal time	2022.05.06 11:07:00		

Combustion test

Before test	During test	After test	
545MM	1KW, 45-degree Vertical Burning	The distance (MM) between the upper bracket's lower edge and the starting point of the carbonized section.	370
		The distance (MM) between the lower edge of the upper bracket and the lower starting point of the carbonized section.	480


Experimental conclusion:
PASS

FAIL


Inspector: CF

Auditor: JC

Approver: NP