



## Test Report - Optical Fibre Cables

Optical, mechanical and environmental  
IEC 60793 and 60794-1-2

Document: LWD-Testreport

Revision: 0

Date: 2021-11-05

# Test Report Optical Fibre Cables

Optical, mechanical and environmental tests  
according to IEC 60793 and 60794-1-2

Subject: LWD Test  
LTC RP 24x SM G.657.A1 (4x6)

Product specification: PSe LTC

Report: LWD-Testreport

Date: 2021-11-05

Author: O. Grosskurth

Signed for and on behalf of:

BV Twentsche Kabelfabriek

  
Place and date of issue

Haaksbergen, November 21<sup>th</sup> 2021

*R&D Engineer Telecom*

*Optical Fibre Cables*

O. Grosskurth



## General Information

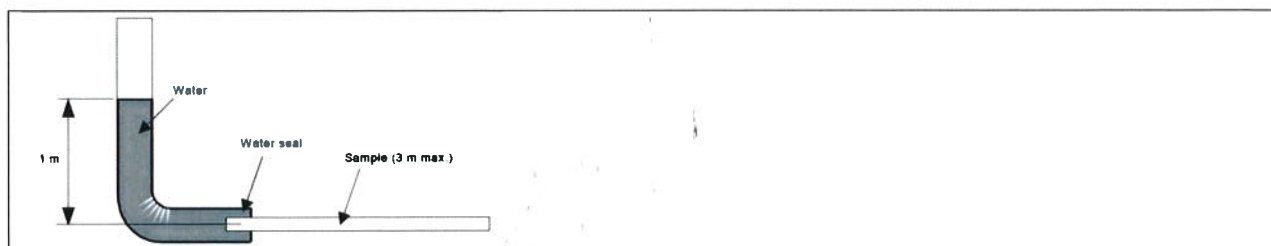
### 1.2 Cable Type

Cables series	LTC
Applied specification	PSe LTC
Article No.	CK-74555
Description	LTC RP 24x SM G.657.A1 (4x6)
Order No.	MC210726-6

## Environmental tests – IEC 60794-1-22

### 1.2.1.1 Water penetration

IEC 60794-3-10 clause 5.9 / IEC 60794-3-11 clause 7.6.3			
Test Method		IEC 60794-1-22-7 Method F5-B	
To be measured		Requirement	Measured
Water penetration distance	[m]	≤3m	Penetration distance
Details	Value	Test Criteria	
No. of samples	3	Penetration distance ≤ 3m	
Sample length [m]	>3m		
Water head H [m]	1		
Test temperature [°C]	1		
Duration [h]	24		



### Test Result LTC RP 24x SM G.657.A1 (4x6)

Parameter	Unit	Measured value		
Sample No.		1	2	3
Penetration distance	cm	24	26	20
Remarks	The cable meets this functional requirement.			