

INSPECTION PROTOCOL

Date of Inspection: 03-07/02/2025
Contract No: 6100047830
Announcement: 10/01/2025 - EK: 3606
Equipment Under Test: TC09376 - 48f, 72f and 144f
 TC09421 - 96f, 192f
Inspection Procedures and Standard: As stated in the technical specifications in the contract

1. MATERIALS INSPECTED (sampled):

No.	QUANTITY	MATERIAL DESCRIPTION
1	4km	48 OFs G657.A1 ADSS Flex tube
2	4km	72 OFs G657.A1 ADSS Flex tube
3	4km	144 OFs G657.A1 ADSS Flex tube
4	4km	96 OFs G657.A1 Long Span ADSS Flex tube
5	4km	192 OFs G657.A1 Long Span ADSS Flex tube

2. INSPECTION AND TESTING

All Fiber Optic cables in the table above were tested in Supplier's laboratory according to the following list.

Material description	Tests Performed
TC09376 & TC09421	Tensile performance
TC09376 & TC09421	Impact
TC09376 & TC09421	Crush
TC09376 & TC09421	Repeated Bending
TC09376 & TC09421	Torsion
TC09376 & TC09421	Cable bend
TC09376 & TC09421	Water penetration
96 OFs G657.A1 ADSS Flex Long Span	External Sheath Marking Abrasion
96 OFs G657.A1 ADSS Flex Long Span	External Sheath Abrasion
TC09376 & TC09421	Drip test
TC09376 & TC09421	Temperature cycling
TC09376 & TC09381	Dimensional / Geometrical tests of fiber & cables

Also, all checklists were checked and approved.

3. OBSERVATIONS:

The inspection was conducted at the Supplier Laboratories, where all cables underwent mechanical and climate testing. Upon completion of all tests, each specimen successfully met the required standards, confirming compliance with the technical specifications outlined in the contract.

4. INSPECTION CONCLUSION:

The results of the tests carried out in Supplier's laboratory are acceptable according to the standards specified in the contract and cable datasheets.

Supplier must provide all test reports for the tests conducted.

The Supplier

PPC Inspector