What are the PROBLEMS associated with putting the fibre in the cable?

Ken Barber

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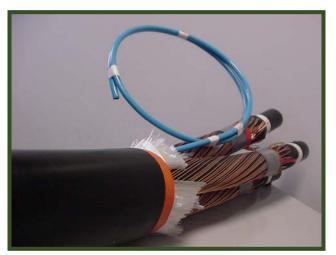
WETS'15 Workshop

Organization: Jicable and Prospective 2100 Palais des Congrès de Versailles, France Thursday, 25 June 2015



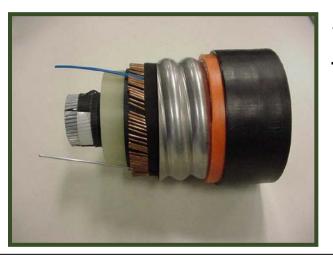


What are the PROBLEMS associated with putting the fibre in the cable?



THREE CORE CABLE

Solution easy
A robust OF unit placed in the interstices

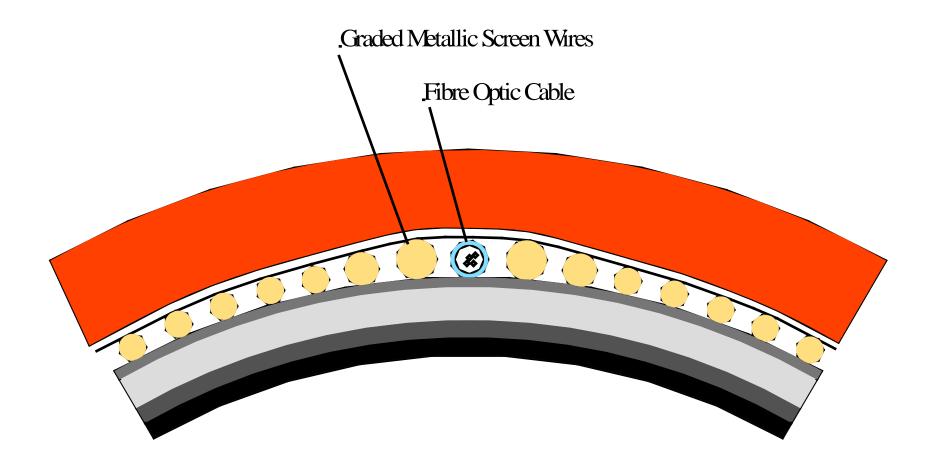


SINGLE CORE CABLE

- Solution more complexPBT tube or SS tube can be damaged
 - During manufacture
 - During installation
 - In service

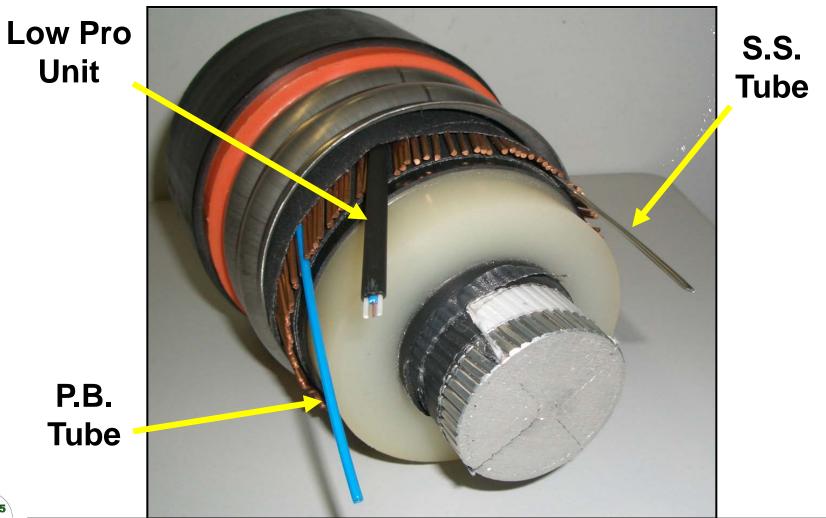


Protection of O.F. Tube





Fibre in Cable

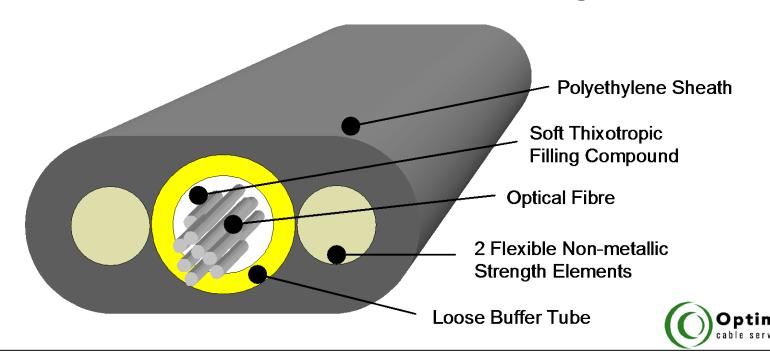




What is the SOLUTION to problems associated with putting the fibre in the cable?

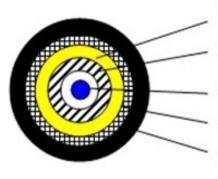
SOLUTION IS – 'Low Profile OF Unit'

- Less risk of damage during manufacture
- Less risk of damage during installation and jointing
- Less risk of failure in service due to weight of cable





电缆内置式微型测温光缆介绍



- 1 凯夫拉 Kevlar
- 2 螺旋钢管 SUS Spring Tube
- 3 紧包光纤 Tight-buffer Fiber
- 4不锈钢编织网 Braiding
- 5 外护套 Outer Jacket





测温光缆在电缆中布放位置





