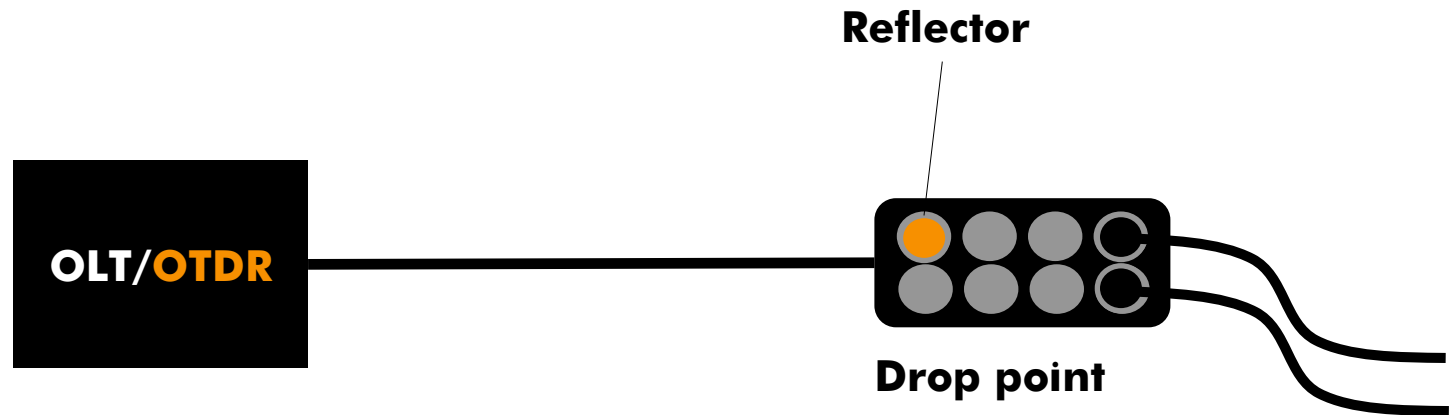# Costless & Smart drop cable installation with reflector

Sumitomo Electric Industries, Ltd.

Jul.2020
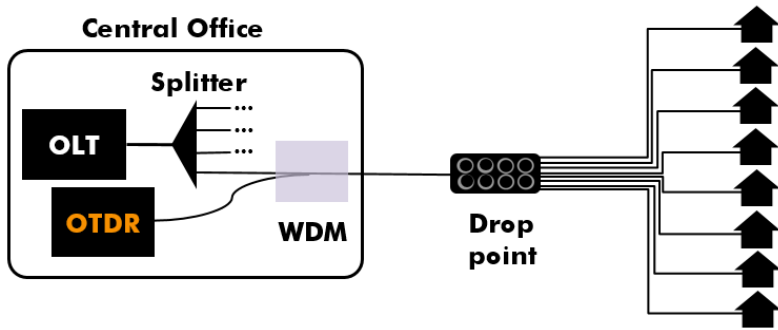
Costless & Smart drop cable installation with reflector
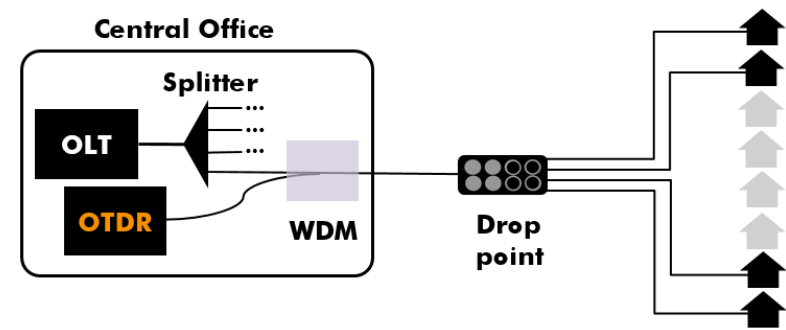
Reflector

OLT/OTDR

Drop point

- **Just leave one reflector at the drop point**
- **OTDR tells you the drop point has an open port before the technician dispatch**
- **OTDR also verifies the port has enough optical power**
- **Leave the reflector to the next port after drop cable installation**

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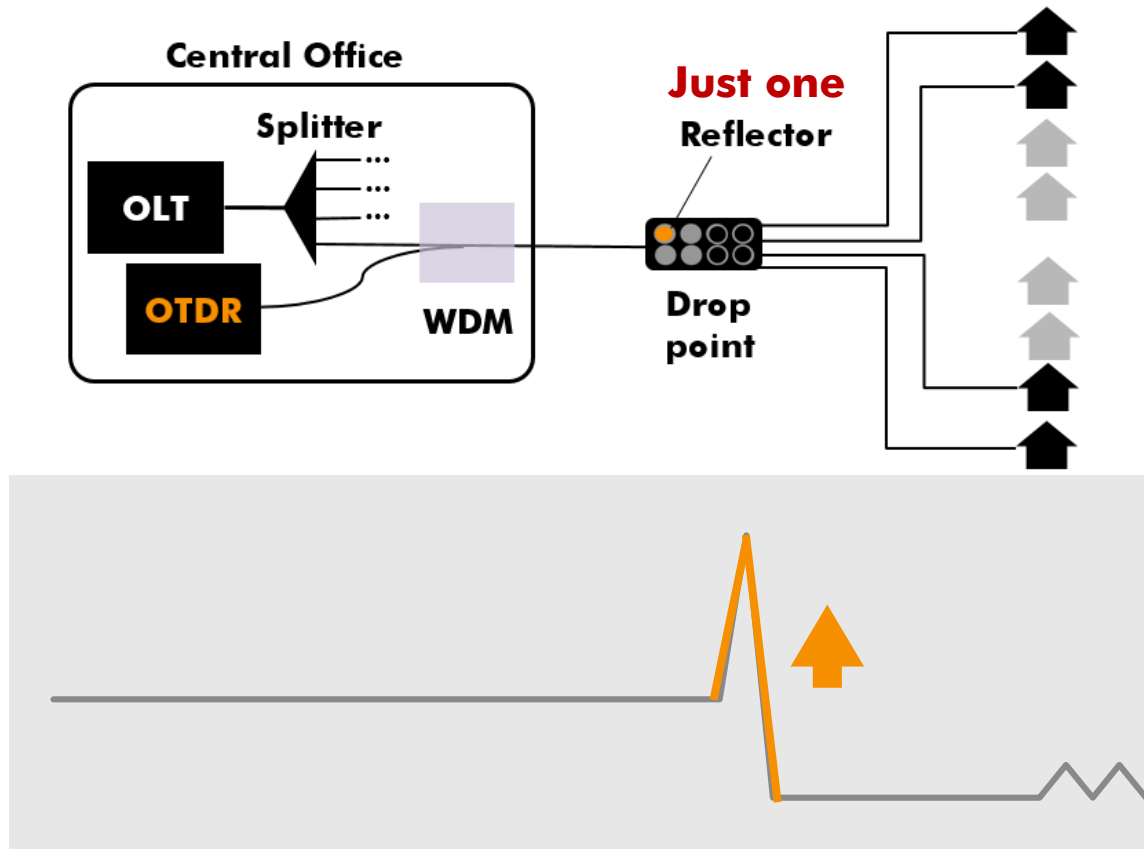# Case of no reflector

No open port

Some open ports

Same wave form

OTDR can not verify availability of the port

Case of with reflector

- **OTDR tells you the drop point has an open port before the technician dispatch**
- **OTDR proactively verifies the port has enough optical power and no need to measure the optical power at the drop point**

Smart steps of drop installation with reflector

I

Dispatch a technician

OTDR + Reflector can proactively confirm the available open port at the drop point before dispatch of a technician

II

Optical power check up

OTDR + reflector can verify the optical power at the drop point, no need of checkup at the site by technician

III

Drop cable installation

In case of a signal failure, enable to determine the cause is at the drop cable by the pre−assurance up to the drop point. Leave the reflector to the next port.

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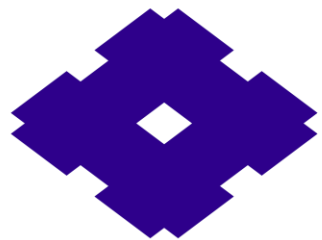
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Contact Info

You can see the basic knowledge of how RFTS and Reflector works in your network in the following link.

Remote monitoring web site

Showcase @ LinkedIn

Your message/inquiries would be welcomed anytime!

interconnect@info.sei.co.jp

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