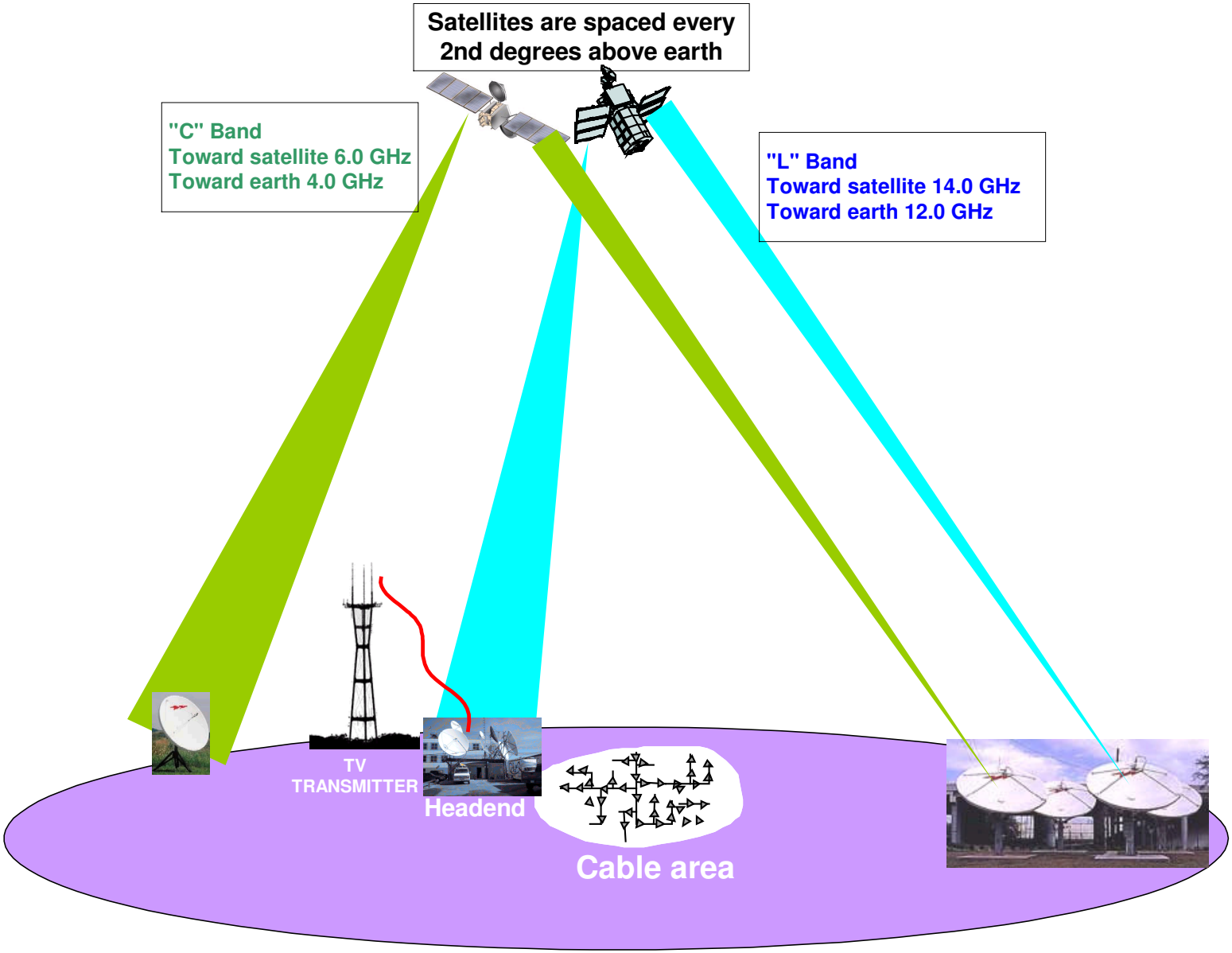
Broadband System – F



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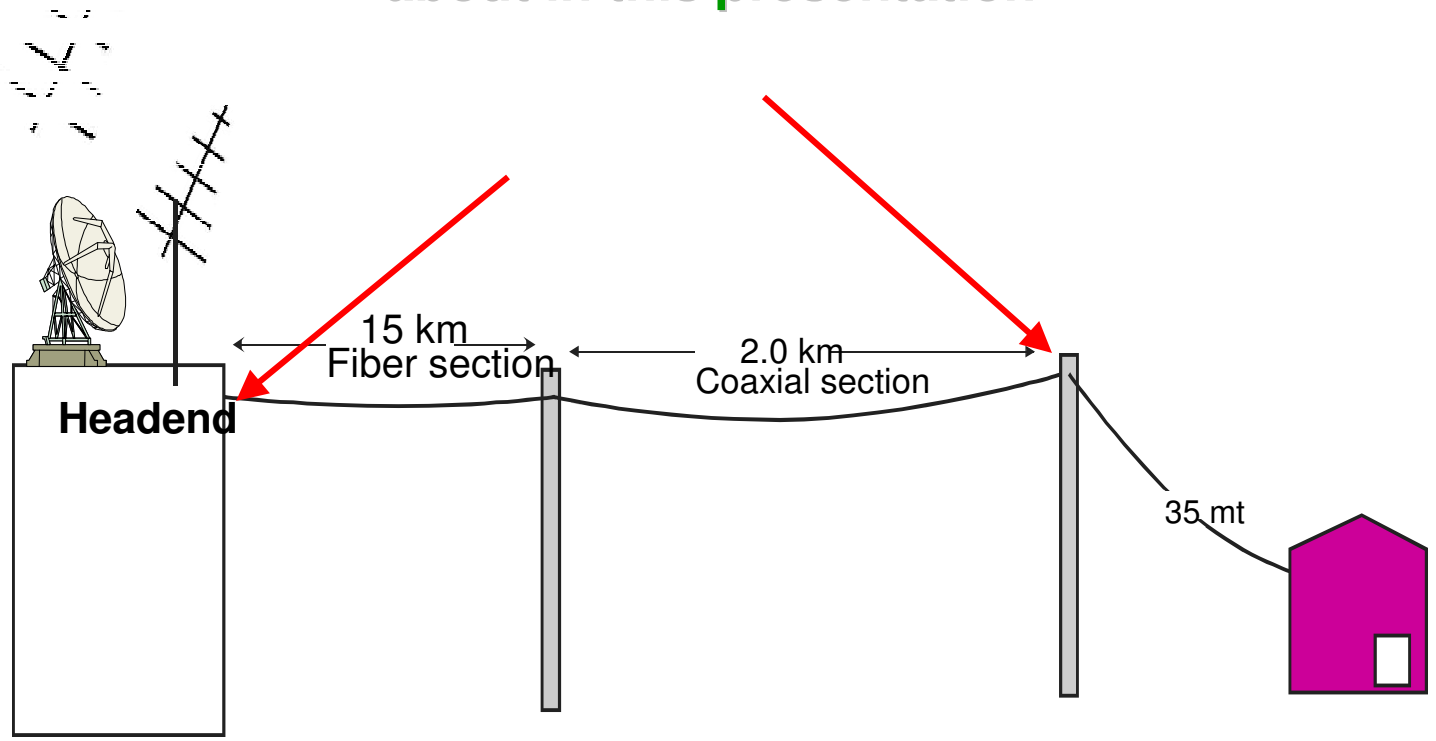
Outside Plan.

Outside Plan.

The purpose of this presentation is to give student a better understanding of the outside plan of a Broadband System. We will show the pole section, the supporting stand, the suspension clamp, the anchor, the lashing machine and many other aspects of the outside plan.

Outside Plan.

Section of the Broadband System we will talk about in this presentation.



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Feeding Signal to a Coaxial Cable System.

Fiber Optic Interconnection.

Outside Plan.

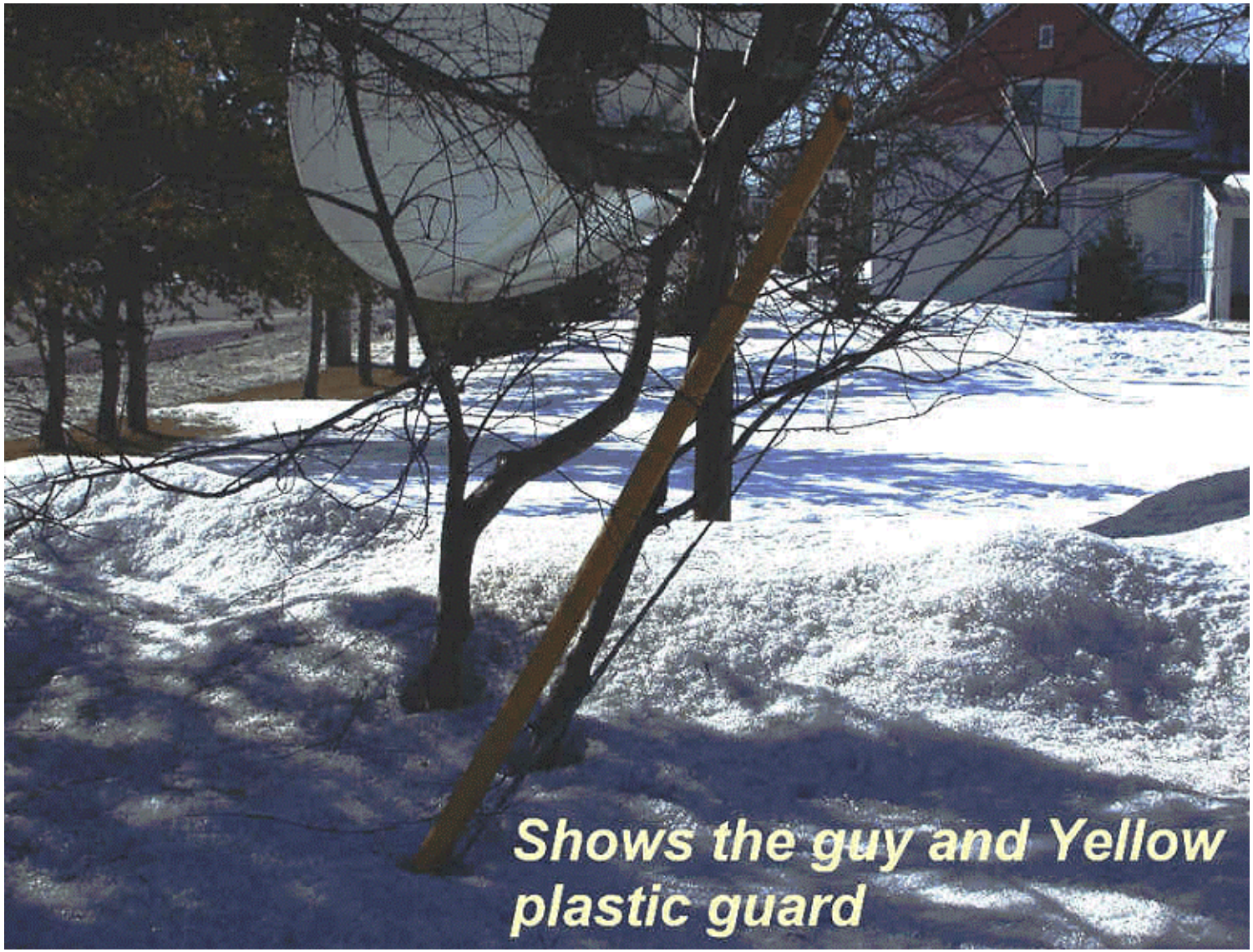
Reels of Strand Wire.

Anchor Rod.

Guy Wire Protection.

Outside Plan Suspension Equipments.

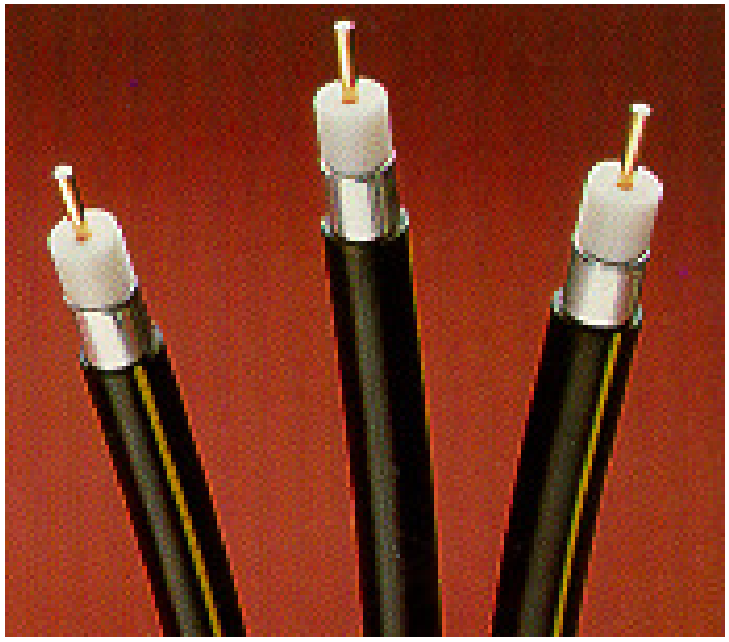
Outside Plan Showing Guy Wire Protection.



Outside Plan Hardware Equipments.

Outside Plan Suspension Equipments.

Coaxial Cable.



Coaxial cable consists of :

- **75 ohm cable**
- **Center conductor**
- **Foam** (holds the center conductor in place)
- **Aluminum contour**
- **Sometimes with a PVC cover**

Coaxial cable has a frequency range of 5 to 1000 MHz and can also handle 90 volts AC.

Reel of Fiber Optic Cable.

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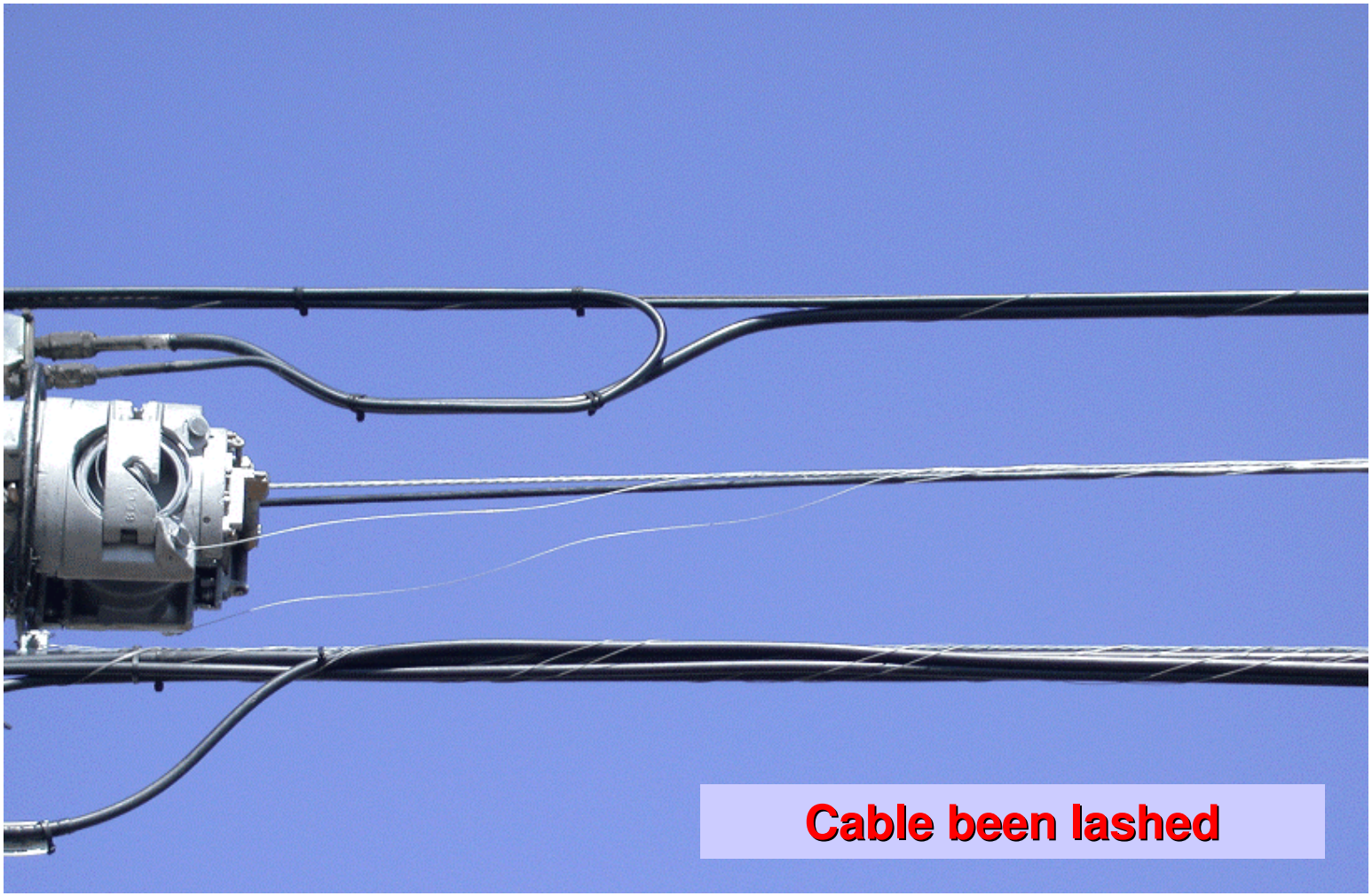
Outside Plan Equipments.



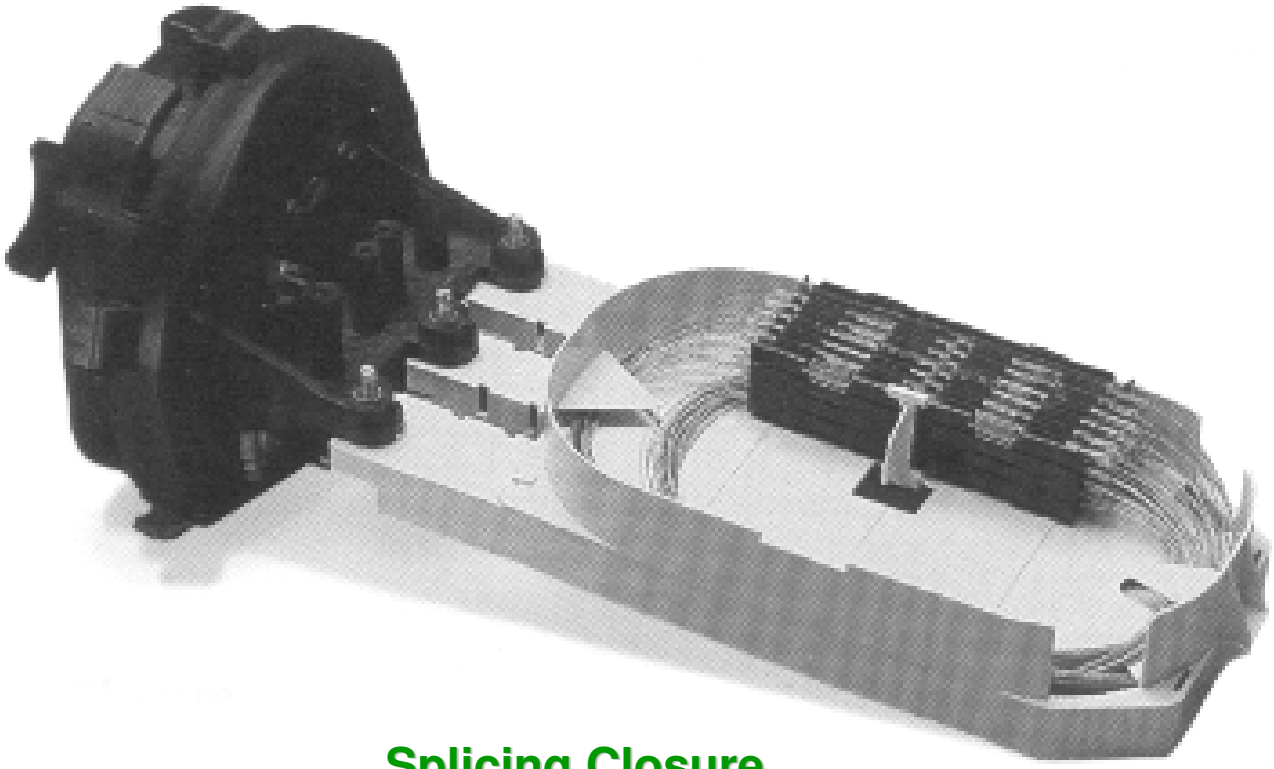
Outside Plan Equipments.

Outside Plan Equipments.

Outside Plan Equipments.

Outside Plan Equipments.

Fiber Optic Equipments.

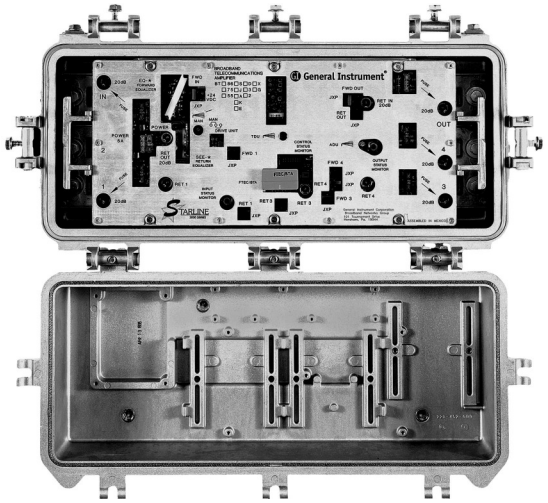


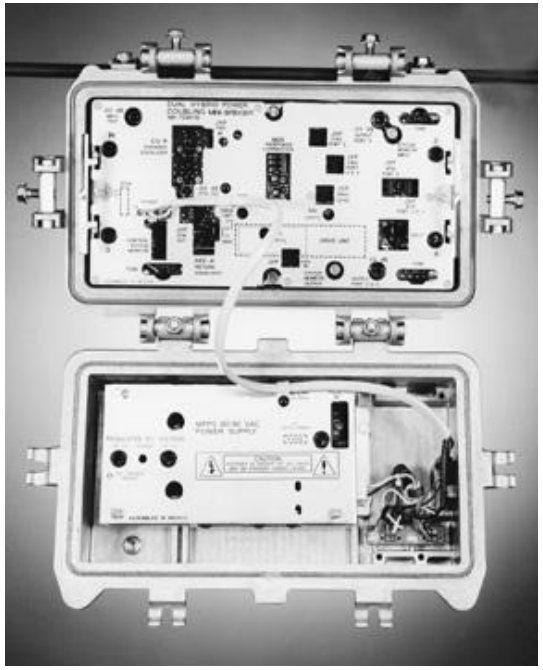
Splicing Closure

Fiber Optic Equipments.

Fusion splicer

RF Amplifiers.





RF amplifiers are used to amplify signal when it becomes weak

Coaxial Connectors.

Hard Line Coaxial Connectors

Coaxial Connectors.

Installation Coaxial Connectors



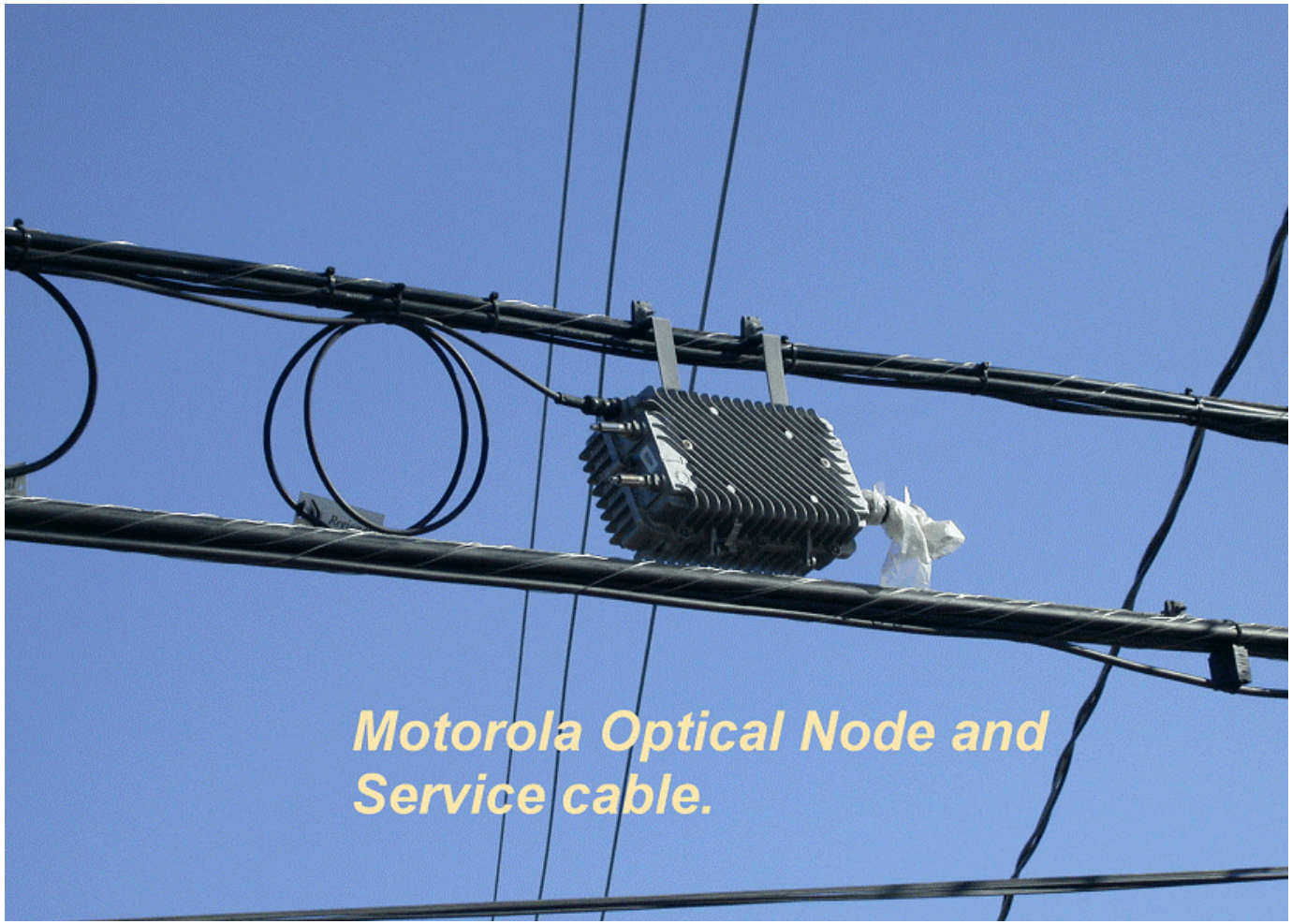






Outside Plan.

Outside Plan.



Outside Plan.

Outside Plan.

Outside Plan.

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The end of this presentation.