

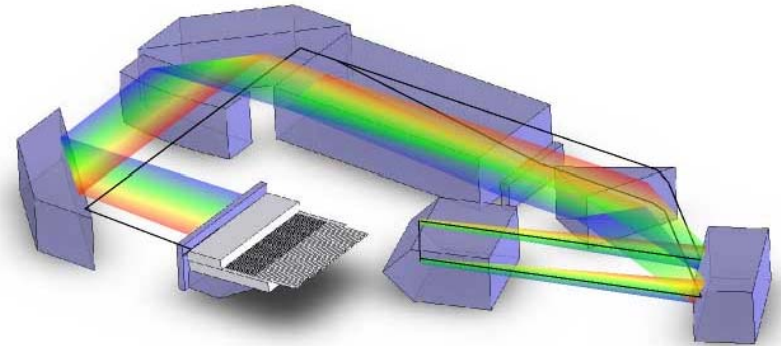
**KYLIA:  
DWDM mux/Demux**

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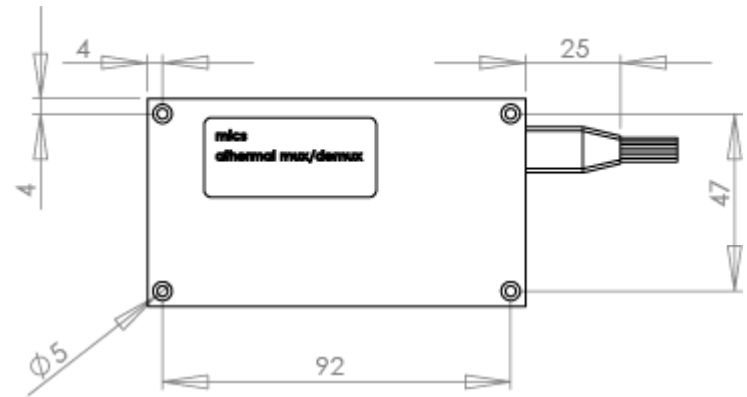
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- Optical layout



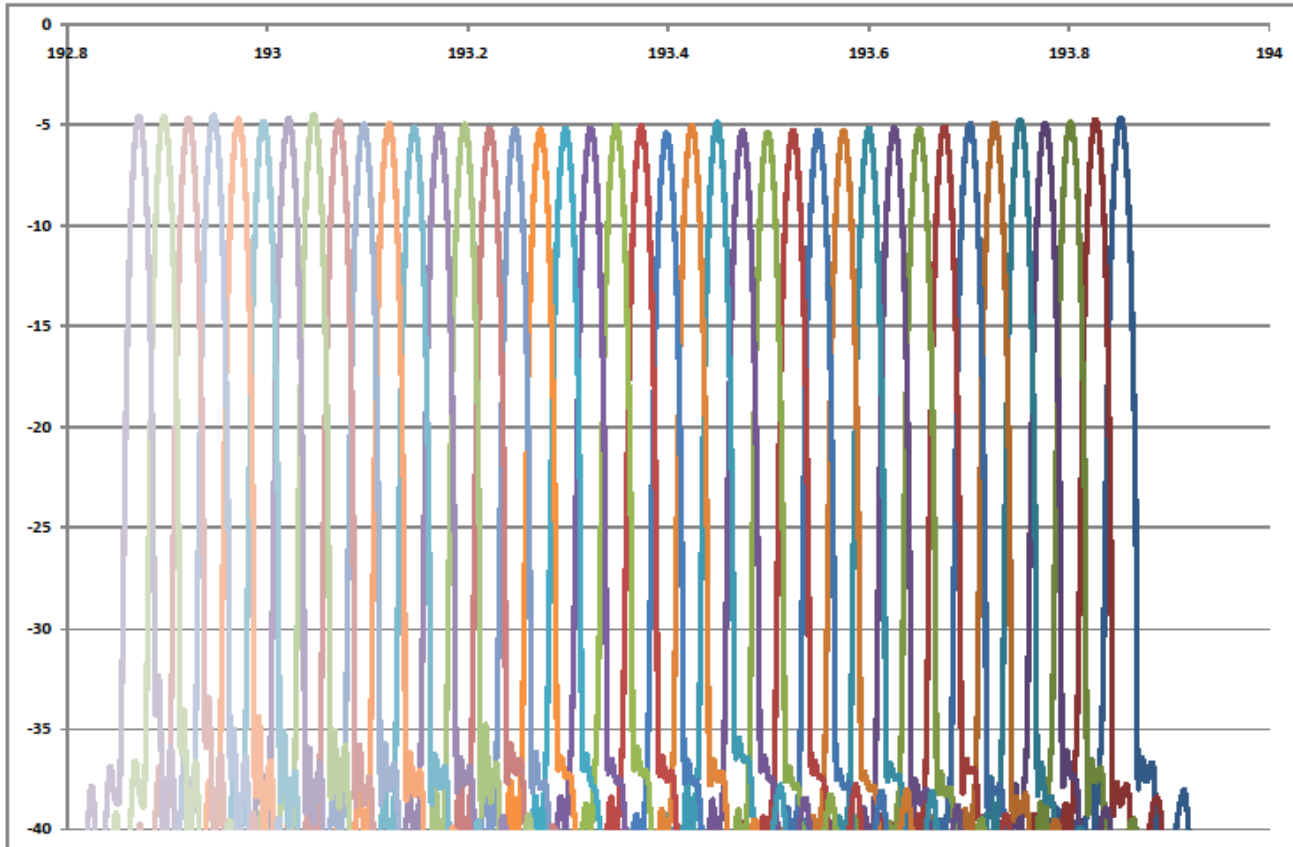
- Mechanical drawing



# General characteristics

- Athermal
- Spacing from **12.5 GHz** to **200 GHz**
- Qualification Telcordia # GR-1221
- Non cyclic
- Channel count
  - » 48 channels for gaussian shape
    - (limited by the fibre arrays)
  - » 32 channels for FT shape
    - (limited by the optical performance)

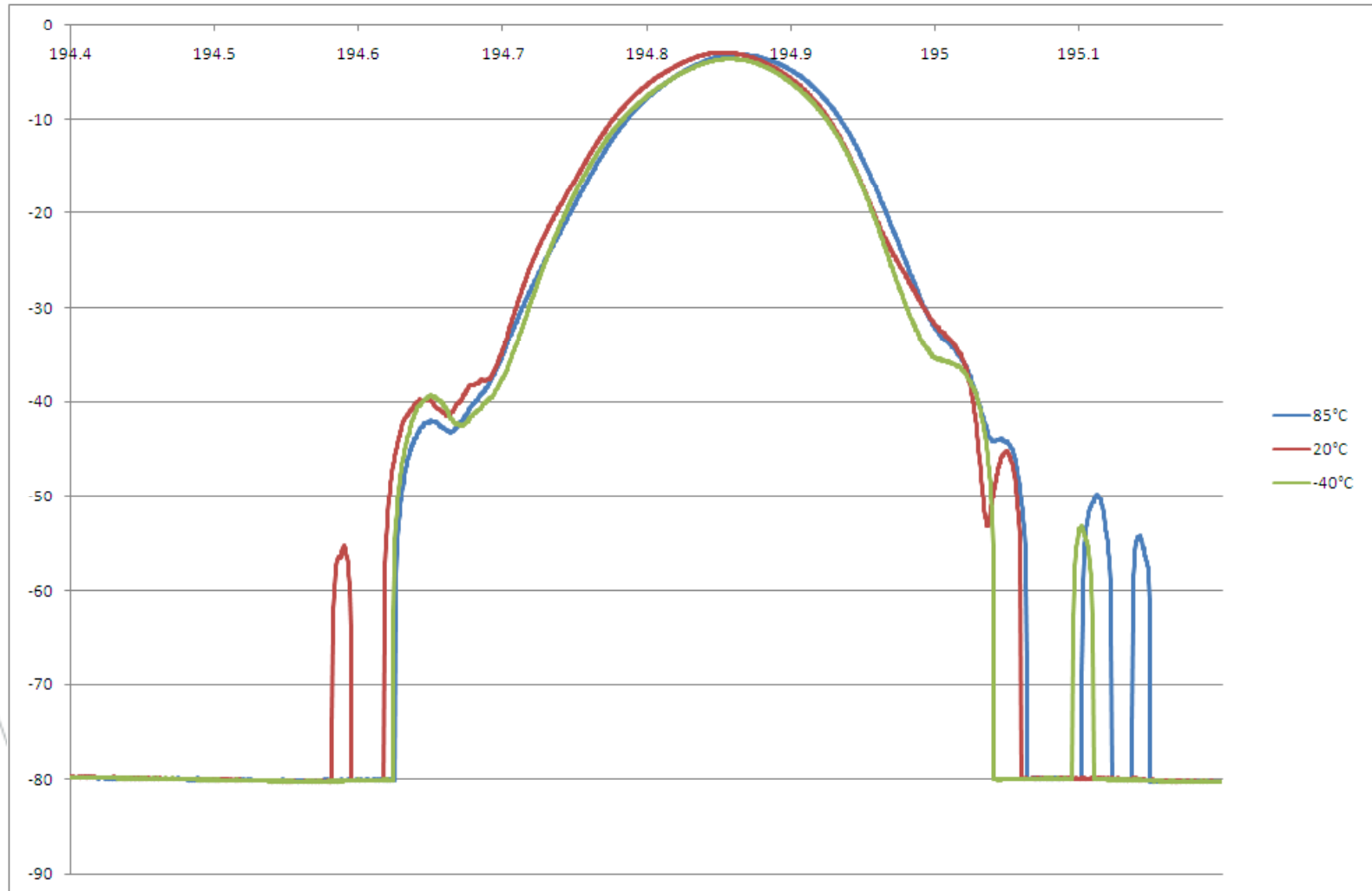
# Athermal Mics response for spacing < 100 GHz (40 ch. 25 GHz)



# Units delivery statistics

- First unit delivered on 1998
- 2300 units delivered since the beginning
- 1300 units with spacing < 100 Ghz

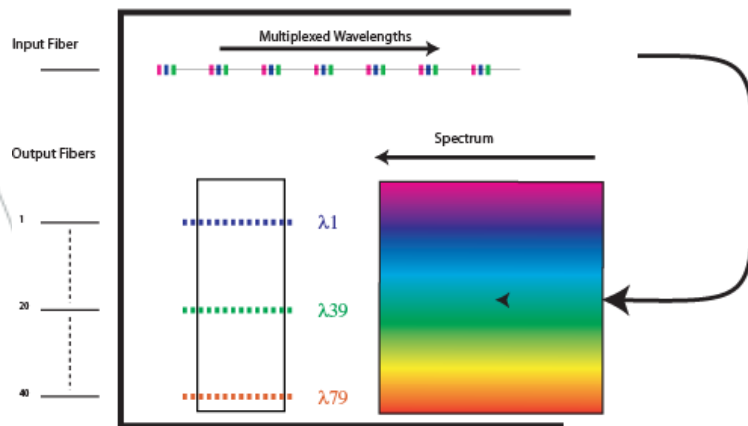
# Operating Temperature range -40°C, 20°C, 85°C



# Options available

- PM
- Flat Top
- High optical power option
- Frequency tunable feature

Non shifted configuration



Shift available until half spacing

