



kYLia

KYLIA: DWDM mux/Demux



日本デバイス株式会社

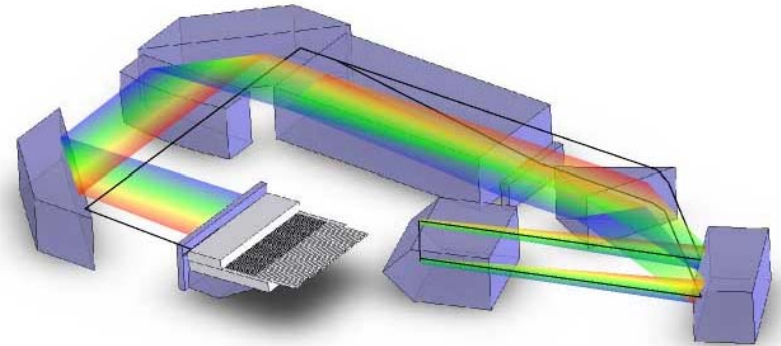
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Table of contents

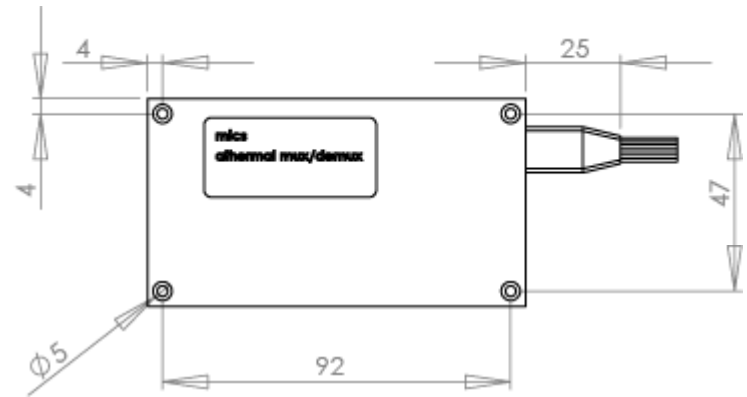
- Optical architecture & packaging
- General characteristics
 - » (athermal, non-cyclic, qualification, channel count)
- Athermal Mics response for spacing < 100 GHz
 - » 40 ch. 25 GHz
- Operating @-40°C, 20°C, 85°C
- Units delivery statistics
- Options available

General presentation

- Optical layout



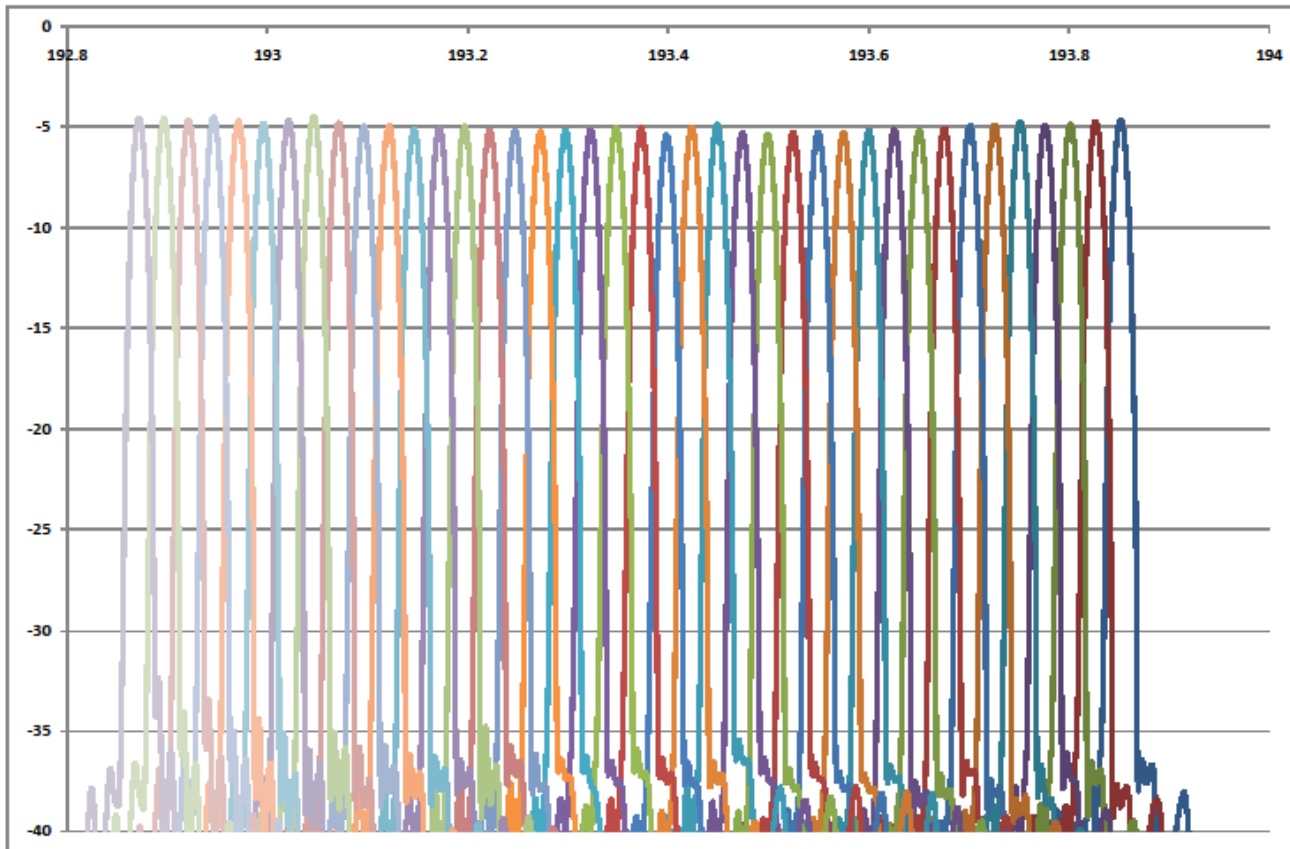
- Mechanical drawing



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)

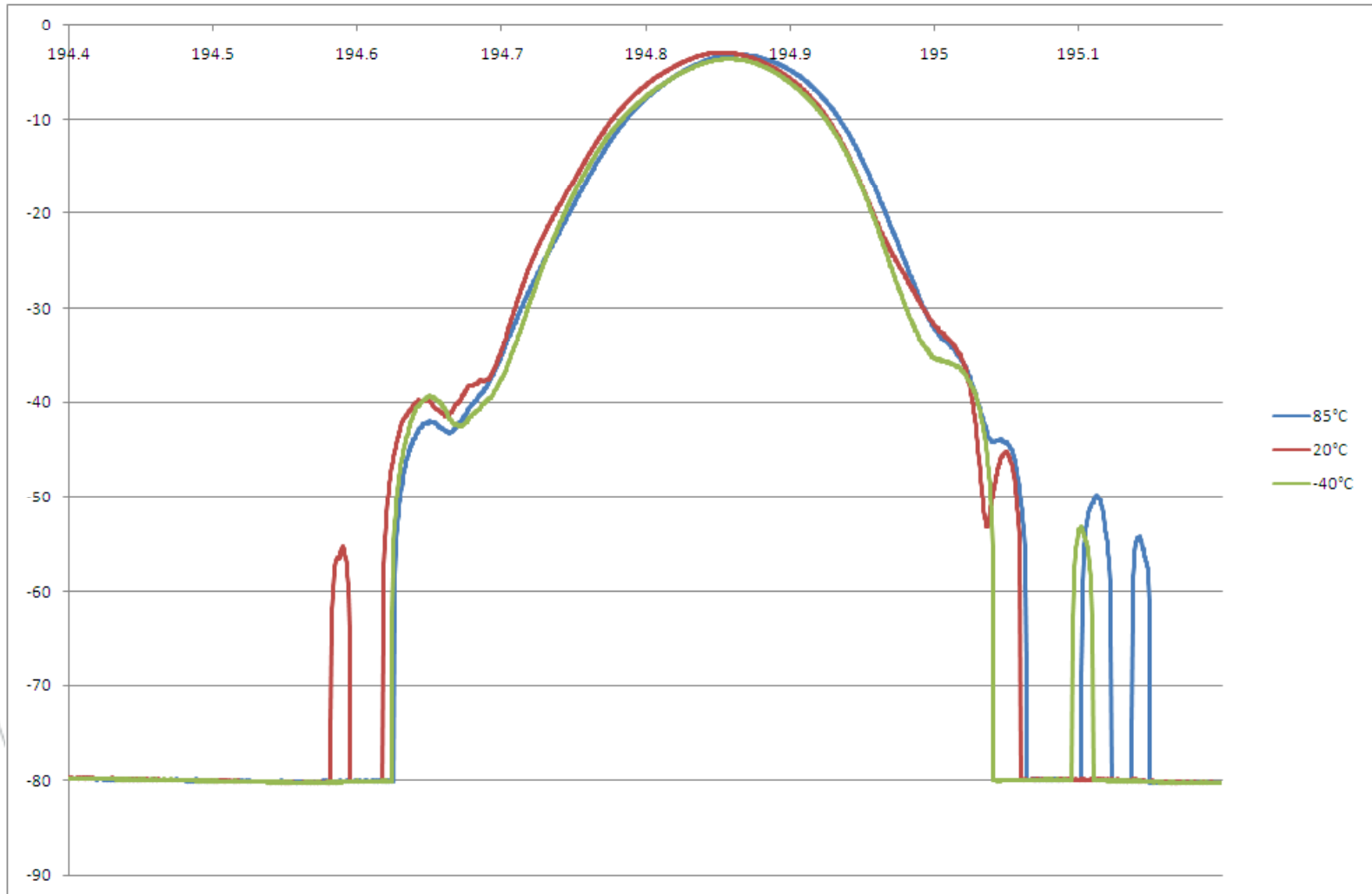
Athermal Mics response for spacing < 100 GHz (40 ch. 25 GHz)



Units delivery statistics

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

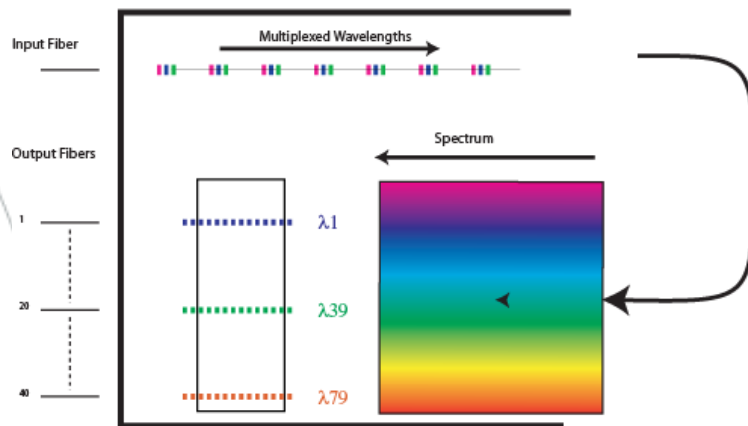
Operating Temperature range -40°C, 20°C, 85°C



Options available

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

Non shifted configuration



Shift available until half spacing

