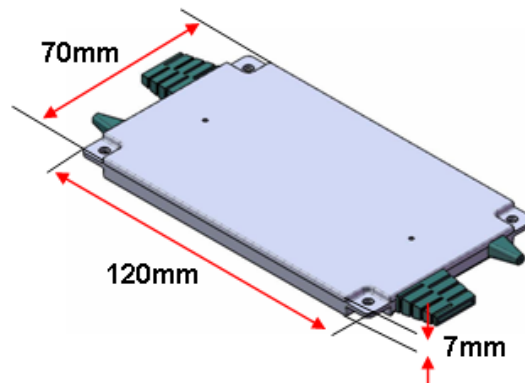
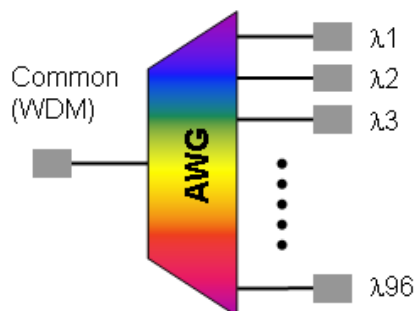


## 50GHz 96ch Athermal AWG

### Features

- No need for temperature control (zero power dissipation)
- Flat-top filter shape with very low insertion loss
- Compact package (120 x 70 x 7 mm: MSA)
- 2-in-1 configuration (MUX and DEMX circuits are integrated into one chip) is available
- Commercial product

### Configuration



Same package size as 100 GHz MSA (120x70x7 mm)

### Performances

Item	Performances
Operating temperature range	-5 to 65 deg.C
Passband	+/- 6.25 GHz
Insertion loss	< 5.5 dB
PDL	< 0.5 dB
1dB clear bandwidth	> 18 GHz
3dB clear bandwidth	> 25 GHz
Adjacent ch XT	< -23 dB
Total ch XT	< -20 dB
Chromatic dispersion	< +/-40 psec/nm
DGD	< 0.7 psec
Package size (MSA)	120 x 70 x 7 mm