



Features

- Multi-channel number Low insertion
- Loss and PDL High channel isolation
- MUX and DEMUX functionality
- Qualified under RoHS compliant

Applications

- DWDM transmission Metro Area
- Networks Long Haul Networks Building
- Blocks for ROADM

Specifications

| Parameter | Specifications | | | |
|--------------------------------------|--|---------------|-------|----------|
| | 4Ch | 8Ch | 16Ch | 40Ch |
| Channel Count | 4Ch | 8Ch | 16Ch | 40Ch |
| Channel Center Wavelength | ITU 100 GHz Grid | | | |
| Center wavelength Accuracy | ± 0.05nm | | | |
| Channel Spacing | 100GHz | | | |
| Channel Passband (@-0.5dB bandwidth) | ≥ 0.22nm | | | |
| Insertion Loss | ≤ 1.6 | ≤ 2.5 | ≤ 3.5 | ≤ 4.5 |
| Channel Uniformity | ≤ 0.6 | ≤ 1.0 | ≤ 1.5 | ≤ 1.2 |
| Channel Ripple | | 0.3 | | / |
| Isolation Adjacent | | > 30 | | > 25 |
| Isolation Non-adjacent | | > 40 | | > 30 |
| Polarization Dependent Loss | | < 0.1 dB | | < 0.6 dB |
| Polarization Mode Dispersion | | < 0.1 PS | | < 0.5 PS |
| Directivity | | > 50 dB | | > -40 dB |
| Return Loss | | > 45 dB | | > -40 dB |
| Power Handling Max | | 500 mW | | |
| Operating Temperature | | -5°C ~ +75°C | | |
| Storage Temperature | | -40°C ~ +85°C | | |
| Package Dimension | 19"case packaging: 540mm x 320mm x 120mm | | | |
| Weight | Chassis: 1.47KG | | | |

Remark: Above specification are for device without connector

Wavelength Plan

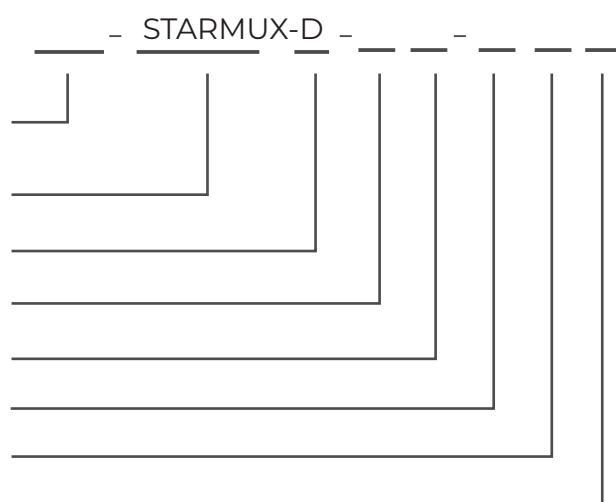
| ## ITU Channel | Wavelength | Frequency (THz) |
|----------------|------------|-----------------|
| 21 | 1560.61 | 192.1 |
| 22 | 1559.79 | 192.2 |
| 23 | 1558.98 | 192.3 |
| 24 | 1558.17 | 192.4 |
| 25 | 1557.36 | 192.5 |
| 26 | 1556.55 | 192.6 |
| 27 | 1555.75 | 192.7 |
| 28 | 1554.94 | 192.8 |
| 29 | 1554.13 | 192.9 |
| 30 | 1553.33 | 193.0 |
| 31 | 1552.52 | 193.1 |
| 32 | 1551.72 | 193.2 |
| 33 | 1550.92 | 193.3 |

| ## ITU Channel | Wavelength | Frequency (THz) |
|----------------|------------|-----------------|
| 34 | 1550.12 | 193.4 |
| 35 | 1549.32 | 193.5 |
| 36 | 1548.51 | 193.6 |
| 37 | 1547.72 | 193.7 |
| 38 | 1546.92 | 193.8 |
| 39 | 1546.12 | 193.9 |
| 40 | 1545.32 | 194.0 |
| 41 | 1544.53 | 194.1 |
| 42 | 1543.73 | 194.2 |
| 43 | 1542.94 | 194.3 |
| 44 | 1542.14 | 194.4 |
| 45 | 1541.35 | 194.5 |
| 46 | 1540.56 | 194.6 |

| ## ITU Channel | Wavelength | Frequency (THz) |
|----------------|------------|-----------------|
| 47 | 1539.77 | 194.7 |
| 48 | 1538.98 | 194.8 |
| 49 | 1538.19 | 194.9 |
| 50 | 1537.40 | 195.0 |
| 51 | 1536.61 | 195.1 |
| 52 | 1535.82 | 195.2 |
| 53 | 1535.04 | 195.3 |
| 54 | 1534.25 | 195.4 |
| 55 | 1533.47 | 195.5 |
| 56 | 1532.68 | 195.6 |
| 57 | 1531.90 | 195.7 |
| 58 | 1531.12 | 195.8 |
| 59 | 1530.33 | 195.9 |
| 60 | 1529.55 | 196.0 |

Ordering Information

| | |
|-----------------|-----------------------------------|
| Manufacturer: | SVR: Starview 19" Chassis |
| Type: | DWDM MUX/DEMUX |
| Channel # | 4 / 8 / 16 / 40 |
| First Channel # | 21: Channel 21.....60: Channel 60 |
| End Channel # | 21: Channel 21.....60: Channel 60 |
| Features: | M: Monitoring E: Expansion |
| Fiber Type: | S: Simplex Type D: Duplex Type |
| COM Connectors: | LCA: LC/APC LCU: LC/UPC |



Example:

SVR-STARMUX-D8-2128-MESLCA

Starview 19" Rack Mountable STARMUX chassis with 8 x C-Band DWDM wavelengths, 100GHz spacing CH21 to CH28 (Duplex LC/UPC), with 1 x MON port (Duplex LC/UPC), 1 x Expansion port (Duplex LC/UPC) and 1 x Simplex LC/APC COM port