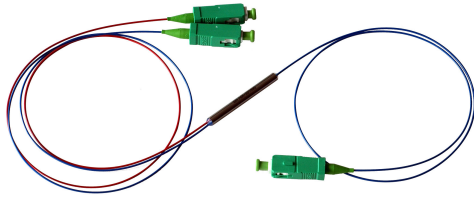


## WW-1L WWDM FILTER



- Element of WWDM networks
- Helps to keep CAPEX low

### GENERAL DESCRIPTION

This multiplexer is the basic element of the WWDM technology since it can concatenate and detach the 1310 nm and 1550 nm wavelengths used for forward and return path - the within named functions need equal devices. The WW-1L has moderate spatial dimensions, this means, it can be used even inside the smallest node housing.

### TECHNICAL SPECIFICATIONS

|                                  |   |
|----------------------------------|---|
| Channels                         | 2   |
| Center wavelengths [nm]          | 1310 / 1550                               |
| Wavelength range [nm]            | 1260-1360 and 1460-1620                   |
| Insertion loss [dB]              | <1.0                                      |
| Isolation (1460-1620 nm) [dB]    | >45                                       |
| Isolation (1260-1360 nm) [dB]    | >45                                       |
| Polarization dependent loss [dB] | <0.2                                      |
| Return loss [dB]                 | >45 (typical 50)                          |
| Maximum optical power [mW]       | 250                                       |
| Temperature range [°C]           | 0...+70                                   |
| Dimensions [mm]                  | Cylindric, 3.6mm diameter and 41mm length |

### ORDERING INFORMATION

|   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|
| W | W | - | 1 | L | - | X | X | - | X | X |
|---|---|---|---|---|---|---|---|---|---|---|

| Mounting                   |    |
|----------------------------|----|
| For HOP                    | H0 |
| For MO1001 node            | N1 |
| For MO1002 node            | N2 |
| For MO1003 and MO1004 node | N3 |
| Without accessories        | 00 |

| Type of the optical connector |                           |
|-------------------------------|---------------------------|
| SA                            | SC/APC (Recommended type) |
| EU                            | EURO2000                  |

Specifications are subject to change without notice!