1xN PLC Splitter Module

Applications
- Usable for PON (Passive Optical Network)
- Video signals distribution in optical CATV
- Signal distribution using optical Amplifier

Product Type: PS202-1xN

Description
PS202-1xN is the compact 1xN optical splitter using PLC (Planar Light wave Circuit) and suitable for installation in optical equipment. PS202-1xN is the best choice for constructing Passive Optical Network.

Features
- Compact packaging size.
- Suitable for installation in a splicing closure.
- High reliability. (Telcordia GR-1209, GR-1221 Qualified)

Specifications

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber</td>
<td>φ0.25mm Single Mode Fiber</td>
</tr>
<tr>
<td>Wavelength Range</td>
<td>1260～1360nm and 1480～1580nm</td>
</tr>
<tr>
<td>Distribution</td>
<td>1x4</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>≤7.8dB</td>
</tr>
<tr>
<td>Uniformity</td>
<td>≤1.0dB</td>
</tr>
<tr>
<td>Size</td>
<td>4W×4D×40L mm</td>
</tr>
<tr>
<td>PDL</td>
<td>≤0.3dBp-p</td>
</tr>
<tr>
<td>Return Loss</td>
<td>≥50dB</td>
</tr>
<tr>
<td>Directivity</td>
<td>≥50dB</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40～+75°C</td>
</tr>
<tr>
<td>Fiber Length</td>
<td>Over 2m (standard)</td>
</tr>
</tbody>
</table>

Note: Specifications do not include connector specifications.

* Standard products are without connectors.
Ordering Information

Port Configuration

<table>
<thead>
<tr>
<th>Input × Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>1x4</td>
</tr>
<tr>
<td>1x8</td>
</tr>
<tr>
<td>1x16</td>
</tr>
<tr>
<td>1x32</td>
</tr>
</tbody>
</table>

Furukawa Electric reserves the right to improve, enhance and modify the features and specifications of FITEL products without prior notifications.

FURUKAWA ELECTRIC CO., LTD.

Japan
HeadOffice
2-3-3, Morinouchi
Chiyoda-ku
Tokyo 100-8322,
JAPAN
Tel: +81-3-3286-3253
Fax: +81-3-3286-3978
http://www.furukawa.co.jp

NorthAmerica
OFS
25SchoolhouseRoad
Somerset,NJ 08873,USA
Tel: +1-732-746-7402
Fax: +1-732-746-7406
http://www.ofsoptics.com
Email:info@ofsoptics.com

Europe
FurukawaElectricEuropeLtd.
FurukawaHouse
77-69,FulhamPalaceRoad,
LondonW6 8JD,UnitedKingdom
Tel:+44-20-7313-5300
Fax:+44-20-7313-5310
http://www.furukawa.co.uk
http://www.furukawa.co.uk/contactus.php

ASA
FurukawaElectricHongKongLtd.
Suite1801,18/F,Tower2,
33CantonRoad,China,HongKongCity
Tel:852-2512-8938
Fax:852-2512-9717
http://www.fehk.com.hk/
Email:guest@fehk.cn

FSDS-64-A-E