

# 1x4 Planar Waveguide Optical Splitter



## Description:

FIBERONE® 1x4 planar waveguide splitters utilize planar technology with silica waveguides to provide optical characteristics that include low insertion loss, high uniformity, low PMD and excellent environmental stability. This optical splitter is ideal for PON applications or other high-density low-profile package network requirements.

## Features:

- Low Insertion Loss
- Compact Size
- Uniform Splitting
- Available Break-Out Kit

## Specifications:

|                                    |                          |
|------------------------------------|--------------------------|
| Part Number                        | #130070                  |
| Dimensions                         | H: 4 mm W: 4 mm L: 40 mm |
| Insertion Loss                     | < 7.2                    |
| Uniformity                         | < 0.7 dB                 |
| Directivity                        | > 55 dB                  |
| PDL                                | < - 0.2 dB               |
| Optical Input Return Loss          | > 55 dB                  |
| Operating Wavelength               | 1260 – 1610 nm           |
| Operating Temperature              | - 40 to + 85 (°C)        |
| Storage Temperature                | - 40 to + 80 (°C)        |
| Input Fiber                        | 900 um                   |
| Output Fiber (Break-Out Available) | 4 Ribbon Fiber           |