

BUY NOW 

Fiber Optical Visible Light Combiner (2 or 3 wavelengths)

Product Description

The LFC Series fiber optical visible light combiners are based on Agiltron's fused biconical taper technology and compact packaging structure. They enable any two or three primary colors in the visible wavelength region to be combined or separated. Configurations are available for full RGB colors of red/green/blue. It features good uniformity, low excess loss and very low polarization sensitivity.



Performance Specifications

| Parameter | Min | Typical | Max | Unit |
|------------------------------|---------|---------|-----------|------|
| Wavelength Selection | 473 | 532 | 655 | nm |
| Typical Combining Efficiency | 70 | 90 | 95 | % |
| Optical Power Handling (CW) | - | 0.5 | 1 | W |
| Operating Temperature | -40 | 20 | 85 | ° C |
| Storage Temperature | -45 | | 100 | ° C |
| Fiber Type | special | | | |
| Dimension | 3x 60 | | 10x80x100 | mm |

Features

- Wavelength Independent
- Ultra Low Excess Loss
- Low Polarization Sensitivity
- Highly Stable & Reliable
- Ultra Low Cost

Applications

- Telecommunications
- CATV
- Local Access Network (LAN)
- Fiberoptic Instrumentation

1/99 FiberOptic Coupler/Splitter 1310 & 1550nm Single Mode

Ordering Information

| | | | | | | | | |
|-------------|----------------------------------|--------------------------------|--------------------------------|--------------------------------|-----------------------|--------------------------|--------------------------|--|
| LFC- | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 1 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | Type | Color 1 | Color 2 | Color 3 | Coupling Ratio | Port | Fiber Type | Connector Type |
| | Two Colors= 2 Three Colors= 3 | Red =1 Green =2 Blue = 3 | Red =1 Green =2 Blue = 3 | Red =1 Green =2 Blue = 3 | | 1x2 =1 1x3 = 3 | Special= 0 | None = 1 FC / PC = 2 FC / APC = 3 SC / PC = 4 SC / APC = 5 ST / PC = 6 LC = 7 Special = 0 |

*Product dimensions may change without notice. This is sometimes required for non-standard specifications.