

**1x19 Large Core Fiber Optic Splitter**

| <b>PN:</b>            | IRBC-105-19-1    | <b>SN:</b>              | 22030801             |          |         |        |
|-----------------------|------------------|-------------------------|----------------------|----------|---------|--------|
| <b>Wavelength:</b>    | 660nm            | <b>Config:</b>          | 1*19                 |          |         |        |
| <b>Fiber Type:</b>    | IR 105/125NA0.22 | <b>Connectors:</b>      | Input: NA Output: NA |          |         |        |
| <b>Package (mm) :</b> | 7x80             | <b>Input Power(mW):</b> | 18.5                 |          |         |        |
| Port                  | Channel          | Power (mW)              | Ratio (%)            | Loss(dB) | UN (dB) | C.E(%) |
| Input                 | 1                | 0.37                    | 5.1                  | 13.28    | 0.96    | 92.8   |
|                       | 2                | 0.86                    | 5.0                  | 13.33    |         |        |
|                       | 3                | 0.93                    | 5.4                  | 12.99    |         |        |
|                       | 4                | 0.83                    | 4.8                  | 13.48    |         |        |
|                       | 5                | 0.93                    | 5.4                  | 12.99    |         |        |
|                       | 6                | 1.01                    | 5.9                  | 12.63    |         |        |
|                       | 7                | 0.97                    | 5.6                  | 12.80    |         |        |
|                       | 8                | 0.92                    | 5.4                  | 13.03    |         |        |
|                       | 9                | 0.88                    | 5.1                  | 13.23    |         |        |
|                       | 10               | 0.91                    | 5.3                  | 13.08    |         |        |
|                       | 11               | 0.90                    | 5.2                  | 13.13    |         |        |
|                       | 12               | 0.90                    | 5.2                  | 13.13    |         |        |
|                       | 13               | 0.81                    | 4.7                  | 13.59    |         |        |
|                       | 14               | 0.86                    | 5.0                  | 13.33    |         |        |
|                       | 15               | 0.89                    | 5.2                  | 13.18    |         |        |
|                       | 16               | 0.89                    | 5.2                  | 13.18    |         |        |
|                       | 17               | 0.86                    | 5.0                  | 13.33    |         |        |
|                       | 18               | 0.98                    | 5.7                  | 12.76    |         |        |
|                       | 19               | 0.97                    | 5.6                  | 12.80    |         |        |

NOTE: 1.Hold a circle of fibers in hand while stripping the fiber cable jacket !

2.Different lasers and launching conditions will bring about changes in the test results !

3.The label should be removed for better radiating!

**1x19 Large Core Fiber Optic Splitter**

| <b>PN:</b>            | IRBC-105-19-1    | <b>SN:</b>              | 22030802             |          |         |        |
|-----------------------|------------------|-------------------------|----------------------|----------|---------|--------|
| <b>Wavelength:</b>    | 660nm            | <b>Config:</b>          | 1*19                 |          |         |        |
| <b>Fiber Type:</b>    | IR 105/125NA0.22 | <b>Connectors:</b>      | Input: NA Output: NA |          |         |        |
| <b>Package (mm) :</b> | 7x80             | <b>Input Power(mW):</b> | 18.5                 |          |         |        |
| Port                  | Channel          | Power (mW)              | Ratio (%)            | Loss(dB) | UN (dB) | C.E(%) |
| Input                 | 1                | 0.88                    | 5.1                  | 13.23    | 0.79    | 94.2   |
|                       | 2                | 0.91                    | 5.2                  | 13.08    |         |        |
|                       | 3                | 0.91                    | 5.2                  | 13.08    |         |        |
|                       | 4                | 0.92                    | 5.3                  | 13.03    |         |        |
|                       | 5                | 0.99                    | 5.7                  | 12.72    |         |        |
|                       | 6                | 0.95                    | 5.5                  | 12.89    |         |        |
|                       | 7                | 0.90                    | 5.2                  | 13.13    |         |        |
|                       | 8                | 0.94                    | 5.4                  | 12.94    |         |        |
|                       | 9                | 0.90                    | 5.2                  | 13.13    |         |        |
|                       | 10               | 1.02                    | 5.9                  | 12.59    |         |        |
|                       | 11               | 0.92                    | 5.3                  | 13.03    |         |        |
|                       | 12               | 0.90                    | 5.2                  | 13.13    |         |        |
|                       | 13               | 0.93                    | 5.3                  | 12.99    |         |        |
|                       | 14               | 0.85                    | 4.9                  | 13.38    |         |        |
|                       | 15               | 0.87                    | 5.0                  | 13.28    |         |        |
|                       | 16               | 0.90                    | 5.2                  | 13.13    |         |        |
|                       | 17               | 0.92                    | 5.3                  | 13.03    |         |        |
|                       | 18               | 0.88                    | 5.1                  | 13.23    |         |        |
|                       | 19               | 0.93                    | 5.3                  | 12.99    |         |        |

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