



Package Type T

Features and Benefits

- Ruggedized for handling and environmental exposure.
- Can be connectorized with all connector types.
- Dimensions: 5.5mm (0.22"); length 66mm (2.60").
- Standard length for pigtails is one meter.
- Small package size allows for packaging in confined spaces.
- Low insertion loss provides for excellent power splitting.
- 5% coupling ratio divisions.
- Designed to exceed CATV and Telco requirements.
- Available in a variety of packages.
- Tested by Bellcore (report available upon request).
- Complimentary splitter array configuration software available to assist in determining exact product requirements.

900µm 1 x 2 Fiber Optic Coupler

Alcoa Fujikura Ltd. is a leading supplier of couplers which are used to enhance and upgrade optical fiber systems. Wideband couplers are devices designed specifically to split or combine optical power in optical fiber communication networks. The two most common designs are the wideband coupler (WBC) and the wavelength division multiplexer (WDM). The WBC is used to split optical power, thereby permitting multiple customers to be serviced by a single transmitter. This leads to a reduction in the total system construction and upgrade costs. The WDM is designed to insert different wavelengths into a single fiber or to separate signals into different fibers adding additional capacity to an optical fiber network. WDM's can be utilized with status monitoring equipment to provide active monitoring.



ORDERING INFORMATION

1	2 2 2 2	33 33 33	4	5 5 5	6 6	7 7 7	8 8
C	0 1 0 4	50 50 50	C	S S C	0 0	S S C	0 0

1. Package Type

A = 1 x N, 900µm
B = 1x N, 3.0mm
C = LGX* Compatible
D = 19" Rack Mountable
H = Siecor* Compatible
K = 23" Rack Mountable
S = 250µm Standard Coupler
T = 900µm Coupler
3 = 3.0mm Coupler

2. Input/Output Ports

0102 = 1 x 2
0103 = 1 x 3
0104 = 1 x 4
0105 = 1 x 5
0106 = 1 x 6
0108 = 1 x 8
0116 = 1 x 16

3. Coupling Ratio

50 = 50%
45 = 45%
40 = 40%
35 = 35%
33 = 33%
30 = 30%
25 = 25%
20 = 20%
15 = 15%
10 = 10%
05 = 5%

WDM's
00 = WDM
XX = Isolation

4. Coupling Ratio

A = Input rear adapter = Output front pigtail/jumper
B = Input rear pigtail/jumper = Output front pigtail/jumper
C = Input rear adapter = Output front adapter
D = Input front pigtail/jumper = Output front adapter
E = Input front pigtail/jumper = Output front pigtail/jumper
F = Input front adapter = Output front adapter
G = Input front adapter = Output front pigtail/jumper
H = Input rear pigtail/jumper = Output front adapter

5. Input Connector / Adapter

ASC = SC Angle Polish
SSC = SC Super Polish
USC = SC Ultra Polish
AFC = FC Angled Polish
SFC = FC Super Polish
UFC = FC Ultra Polish
SST = ST Super Polish
UD4 = D4 Ultra Polish
000 = Non-connectorized

6. Input Pigtail Length (m)

Example:
1 meter = 01
8 meters = 08
Adapter = 00

8. Output Pigtail Length (m)

Example:
1 meter = 01
8 meters = 08
Adapter = 00

7. Output Connector/Adapter

ASC = SC Angled Polish
SSC = SC Super Polish
USC = SC Ultra Polish
AFC = FC Angled Polish
SFC = FC Super Polish
UFC = FC Ultra Polish
SST = ST Super Polish
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* Dynamic field expands to accommodate 1 x N configuration

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