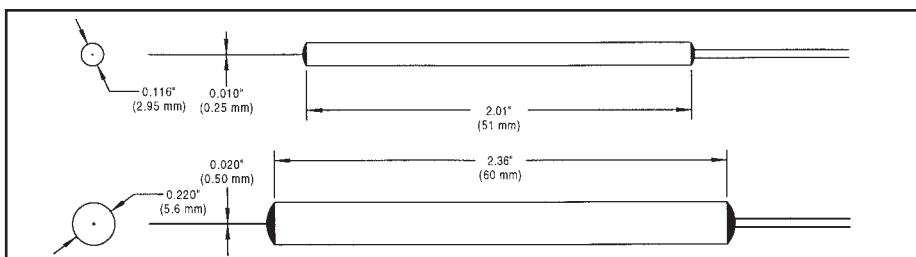


Fiber Optic Multimode Couplers 1x2 Couplers

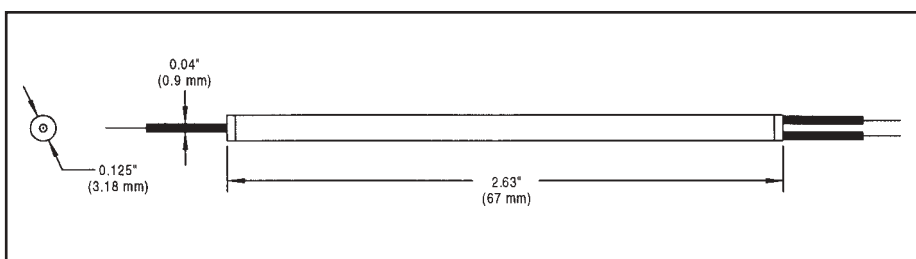
Canstar 1x2 multimode couplers are designed for use in test equipment as well as data communications and industrial fiber optic networks. Optimum performance and operation under adverse environmental conditions are achieved through licensed use of fused biconical taper coupler patents, with proprietary refinements combined with rigorous quality control.

Features and Benefits

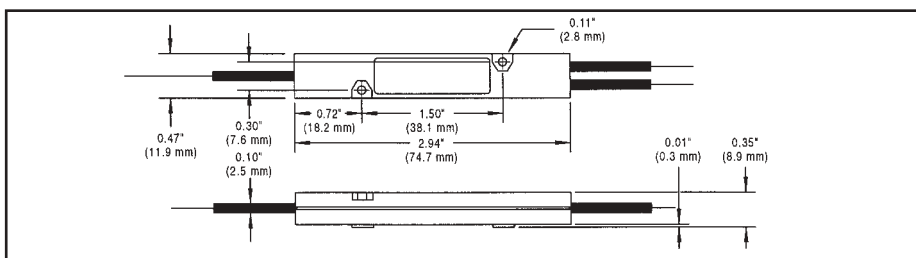
- Low insertion loss.
- High directivity.
- Bidirectional.
- Range of fiber sizes.
- Range of tap ratios.
- Stable over wide temperature range.
- Range of housing options.
- Optional connectorized leads.
- PC board mountable.



BS - type, 250 μ m coated fiber leads for the most compact size.
MQ - type, 250 μ m coated fiber leads.



FL - type, 900 μ m buffer type leads for added protection.



RP - type, 2.5 mm reinforced jacket for rugged use.



Specifications for Standard Multimode 1x2 Couplers

Coupling:	Please refer to the following table. Couplers are tested under fully filled launch conditions.		
Optical Fiber(s):	Corning™ and Spectran™ acrylate coated, glass clad fibers 50/125/250, 62.5/125/250, 100/140/250, and 200/240/500. Contact factory for other fibers, including step index.		
Wavelength Range:	Designed for operation over 600 to 1600 nm, guaranteed at 850 nm or 1300 nm as specified.		
Directivity:	≥ 40 dB		
Thermal Cycling:	-40 to +85 °C		
Dimensions:	Please refer to drawings on previous page.		
Lead Lengths:	BS-type (250µm coating)	Lead length (nom) = 1m	
	MQ-type (500µm coating)	Lead length (nom) = 1m	
	FL-type (0.9mm TFE tube)	Lead length (nom) = 55cm	
	RP-type (2.5mm Reinforced Jacket)	Lead length (nom) = 55cm	

Corning™ is a registered Trademark of Corning Inc.

Spectran™ is a registered Trademark of Spectran Specialty Optics Company.

Part Number (see Note1)	Part Descriptor	Wavelength (nm)	Coupling Ratio (%)	Maximum Throughport Loss (db)	Minimum Throughport Loss (db)	Maximum Coupledport Loss (db)	Minimum Coupledport Loss (db)
58056-001-ZZ	MZZ-01x02-050/125-50F	850	50 +/-5	4.2	3.0	4.2	3.0
58056-002-ZZ	MZZ-01x02-050/125-40F	850	40 +/-5	3.4	1.9	5.4	3.5
58056-003-ZZ	MZZ-01x02-050/125-30F	850	30 +/-5	2.7	1.3	6.8	4.6
58056-004-ZZ	MZZ-01x02-050/125-20F	850	20 +/-3	1.9	0.9	8.5	6.4
58056-005-ZZ	MZZ-01x02-050/125-10F	850	10 +/-2	1.4	0.4	11.8	9.3
58056-006-ZZ	MZZ-01x02-050/125-05F	850	5 +/-2	1.1	0.2	16.0	11.6
58056-007-ZZ	MZZ-01x02-062/125-50F	850	50 +/-5	4.2	3.0	4.2	3.0
58056-008-ZZ	MZZ-01x02-062/125-40F	850	40 +/-5	3.4	1.9	5.4	3.5
58056-009-ZZ	MZZ-01x02-062/125-30F	850	30 +/-5	2.7	1.3	6.8	4.6
58056-010-ZZ	MZZ-01x02-062/125-20F	850	20 +/-3	1.9	0.9	8.5	6.4
58056-011-ZZ	MZZ-01x02-062/125-10F	850	10 +/-2	1.4	0.4	11.8	9.3
58056-012-ZZ	MZZ-01x02-062/125-05F	850	5 +/-2	1.1	0.2	16.0	11.6
58056-013-ZZ	MZZ-01x02-100/140-50F	850	50 +/-5	4.2	3.0	4.2	3.0
58056-014-ZZ	MZZ-01x02-100/140-40F	850	40 +/-5	3.4	1.9	5.4	3.5
58056-015-ZZ	MZZ-01x02-100/140-30F	850	30 +/-5	2.7	1.3	6.8	4.6
58056-016-ZZ	MZZ-01x02-100/140-20F	850	20 +/-3	1.9	0.9	8.5	6.4
58056-017-ZZ	MZZ-01x02-100/140-10F	850	10 +/-2	1.4	0.4	11.8	9.3
58056-018-ZZ	MZZ-01x02-100/140-05F	850	5 +/-2	1.1	0.2	16.0	11.6
58056-019-MQ	MMQ-01x02-200/240-50F	850	50 +/-5	4.8	3.0	5.1	3.0
58056-020-MQ	MMQ-01x02-200/240-25F	850	25 +/-4	2.8	1.4	8.1	5.7
58056-021-MQ	MMQ-01x02-200/240-06F	850	6 +/-2	1.5	0.2	15.0	11.0
58056-201-ZZ	MZZ-01x02-050/125-50G	1300	50 +/-5	4.2	3.0	4.2	3.0
58056-202-ZZ	MZZ-01x02-050/125-40G	1300	40 +/-5	3.4	1.9	5.4	3.5
58056-203-ZZ	MZZ-01x02-050/125-30G	1300	30 +/-5	2.7	1.3	6.8	4.6
58056-204-ZZ	MZZ-01x02-050/125-20G	1300	20 +/-3	1.9	0.9	8.5	6.4
58056-205-ZZ	MZZ-01x02-050/125-10G	1300	10 +/-2	1.4	0.4	11.8	9.3
58056-206-ZZ	MZZ-01x02-050/125-05G	1300	5 +/-2	1.1	0.2	16.0	11.6
58056-207-ZZ	MZZ-01x02-062/125-50G	1300	50 +/-5	4.2	3.0	4.2	3.0
58056-208-ZZ	MZZ-01x02-062/125-40G	1300	40 +/-5	3.4	1.9	5.4	3.5
58056-209-ZZ	MZZ-01x02-062/125-30G	1300	30 +/-5	2.7	1.3	6.8	4.6
58056-210-ZZ	MZZ-01x02-062/125-20G	1300	20 +/-3	1.9	0.9	8.5	6.4
58056-211-ZZ	MZZ-01x02-062/125-10G	1300	10 +/-2	1.4	0.4	11.8	9.3
58056-212-ZZ	MZZ-01x02-062/125-05G	1300	5 +/-2	1.1	0.2	16.0	11.6
58056-213-ZZ	MZZ-01x02-100/140-50G	1300	50 +/-5	4.2	3.0	4.2	3.0
58056-214-ZZ	MZZ-01x02-100/140-40G	1300	40 +/-5	3.4	1.9	5.4	3.5
58056-215-ZZ	MZZ-01x02-100/140-30G	1300	30 +/-5	2.7	1.3	6.8	4.6
58056-216-ZZ	MZZ-01x02-100/140-20G	1300	20 +/-3	1.9	0.9	8.5	6.4
58056-217-ZZ	MZZ-01x02-100/140-10G	1300	10 +/-2	1.4	0.4	11.8	9.3
58056-218-ZZ	MZZ-01x02-100/140-05G	1300	5 +/-2	1.1	0.2	16.0	11.6

Notes:

1. The -ZZ at the end of the Part Number specifies the Housing and Leads. Use type "BS", "FL", or "RP" designators.
The -MQ specifies the -MQ housing and leads.
2. Specifications are the same for type "BS", "FL", and "RP" housings and leads

Ordering Information for Nonstandard Multimode 1x2 Couplers

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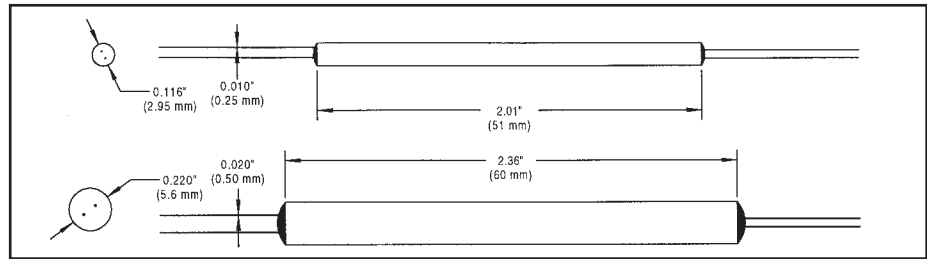
Multimode Coupler	M
Steel tube / bare fiber leads	BS
Steel tube / large bare fiber leads	MQ
Steel tube / TFE tubed leads	FL
Plastic housing / reinforced jacket leads	RP
1 input	01
2 outputs	02
50 µm core fiber	050/125
62.5 µm core fiber	062/125
100 µm core fiber	100/140
200 µm core fiber	200/240
Tap ratio	
1% to 50% expressed as 01 to 50	01
	-
	50
Wavelength Option	
	350 - X
	1300 - D
Input lead length	
0.2 m to maximum lead length	0.2
	-
	1.0
Output lead length	
0.2 m to maximum lead length	0.2
	-
	1.0
See page 37 for ordering information on optional connectors.	

Fiber Optic Multimode Couplers 2x2 Couplers

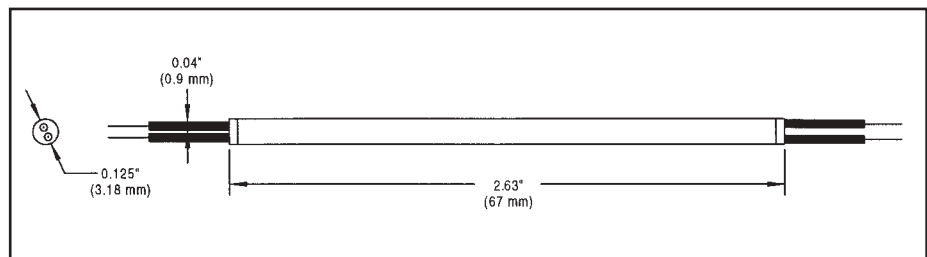
Canstar 2x2 multimode couplers are designed for use in test equipment as well as data communications and industrial fiber optic networks. Optimum performance and operation under adverse environmental conditions are achieved through licensed use of fused biconical taper coupler patents, with proprietary refinements combined with rigorous quality control.

Features and Benefits

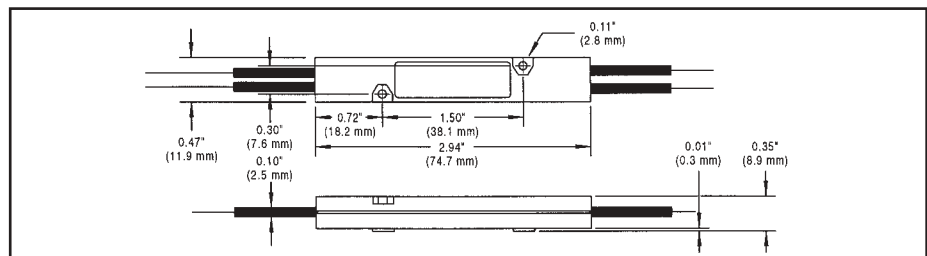
- Low insertion loss.
- High directivity.
- Bidirectional.
- Range of fiber sizes.
- Range of tap ratios.
- Stable over wide temperature range.
- Range of housing options.
- Optional connectorized leads.
- PC board mountable.



BS - type, 250 μ m coated fiber leads for the most compact size.
MQ - type, 500 μ m coated fiber leads.



FL - type, 900 μ m buffer type leads for added protection.



RP - type, 2.5 mm reinforced jacket for rugged use.



Specifications for Standard Multimode 2x2 Couplers

Coupling:	Please refer to the following table. Couplers are tested under fully filled launch conditions.		
Optical Fiber(s):	Corning™ and Spectran™ acrylate coated, glass clad fibers 50/125/250, 62.5/125/250, 100/140/250, and 200/240/500. Contact factory for other fibers, including step index.		
Wavelength Range:	Designed for operation over 600 to 1600 nm, guaranteed at 850 nm or 1300 nm as specified.		
Directivity:	≥ 40 dB		
Thermal Cycling:	-40 to +85 °C		
Dimensions:	Please refer to drawings on previous page.		
Lead Lengths:	BS-type (250µm coating)	Lead length (nom) = 1m	
	MQ-type (500µm coating)	Lead length (nom) = 1m	
	FL-type (0.9mm TFE tube)	Lead length (nom) = 55cm	
	RP-type (2.5mm Reinforced Jacket)	Lead length (nom) = 55cm	

Corning™ is a registered Trademark of Corning Inc.

Spectran™ is a registered Trademark of Spectran Specialty Optics Company.

Part Number (see Note1)	Part Descriptor	Wavelength (nm)	Coupling Ratio (%)	Maximum Throughport Loss (dB)	Minimum Throughport Loss (dB)	Maximum Coupledport Loss (dB)	Minimum Coupledport Loss (dB)
58076-001-ZZ	MZZ-02x02-050/125-50F	850	50 +/-5	4.2	3.0	4.2	3.0
58076-002-ZZ	MZZ-02x02-050/125-40F	850	40 +/-5	3.4	1.9	5.4	3.5
58076-003-ZZ	MZZ-02x02-050/125-30F	850	30 +/-5	2.7	1.3	6.8	4.6
58076-004-ZZ	MZZ-02x02-050/125-20F	850	20 +/-3	1.9	0.9	8.5	6.4
58076-005-ZZ	MZZ-02x02-050/125-10F	850	10 +/-2	1.4	0.4	11.8	9.3
58076-006-ZZ	MZZ-02x02-050/125-05F	850	5 +/-2	1.1	0.2	16.0	11.6
58076-007-ZZ	MZZ-02x02-062/125-50F	850	50 +/-5	4.2	3.0	4.2	3.0
58076-008-ZZ	MZZ-02x02-062/125-40F	850	40 +/-5	3.4	1.9	5.4	3.5
58076-009-ZZ	MZZ-02x02-062/125-30F	850	30 +/-5	2.7	1.3	6.8	4.6
58076-010-ZZ	MZZ-02x02-062/125-20F	850	20 +/-3	1.9	0.9	8.5	6.4
58076-011-ZZ	MZZ-02x02-062/125-10F	850	10 +/-2	1.4	0.4	11.8	9.3
58076-012-ZZ	MZZ-02x02-062/125-05F	850	5 +/-2	1.1	0.2	16.0	11.6
58076-013-ZZ	MZZ-02x02-100/140-50F	850	50 +/-5	4.2	3.0	4.2	3.0
58076-014-ZZ	MZZ-02x02-100/140-40F	850	40 +/-5	3.4	1.9	5.4	3.5
58076-015-ZZ	MZZ-02x02-100/140-30F	850	30 +/-5	2.7	1.3	6.8	4.6
58076-016-ZZ	MZZ-02x02-100/140-20F	850	20 +/-3	1.9	0.9	8.5	6.4
58076-017-ZZ	MZZ-02x02-100/140-10F	850	10 +/-2	1.4	0.4	11.8	9.3
58076-018-ZZ	MZZ-02x02-100/140-05F	850	5 +/-2	1.1	0.2	16.0	11.6
58076-019-MQ	MMQ-02x02-200/240-50F	850	50 +/-5	4.8	3.0	5.1	3.0
58076-020-MQ	MMQ-02x02-200/240-25F	850	25 +/-4	2.8	1.4	8.1	5.7
58076-021-MQ	MMQ-02x02-200/240-06F	850	6 +/-2	1.5	0.2	15.0	11.0
58076-201-ZZ	MZZ-02x02-050/125-50G	1300	50 +/-5	4.2	3.0	4.2	3.0
58076-202-ZZ	MZZ-02x02-050/125-40G	1300	40 +/-5	3.4	1.9	5.4	3.5
58076-203-ZZ	MZZ-02x02-050/125-30G	1300	30 +/-5	2.7	1.3	6.8	4.6
58076-204-ZZ	MZZ-02x02-050/125-20G	1300	20 +/-3	1.9	0.9	8.5	6.4
58076-205-ZZ	MZZ-02x02-050/125-10G	1300	10 +/-2	1.4	0.4	11.8	9.3
58076-206-ZZ	MZZ-02x02-050/125-05G	1300	5 +/-2	1.1	0.2	16.0	11.6
58076-207-ZZ	MZZ-02x02-062/125-50G	1300	50 +/-5	4.2	3.0	4.2	3.0
58076-208-ZZ	MZZ-02x02-062/125-40G	1300	40 +/-5	3.4	1.9	5.4	3.5
58076-209-ZZ	MZZ-02x02-062/125-30G	1300	30 +/-5	2.7	1.3	6.8	4.6
58076-210-ZZ	MZZ-02x02-062/125-20G	1300	20 +/-3	1.9	0.9	8.5	6.4
58076-211-ZZ	MZZ-02x02-062/125-10G	1300	10 +/-2	1.4	0.4	11.8	9.3
58076-212-ZZ	MZZ-02x02-062/125-05G	1300	5 +/-2	1.1	0.2	16.0	11.6
58076-213-ZZ	MZZ-02x02-100/140-50G	1300	50 +/-5	4.2	3.0	4.2	3.0
58076-214-ZZ	MZZ-02x02-100/140-40G	1300	40 +/-5	3.4	1.9	5.4	3.5
58076-215-ZZ	MZZ-02x02-100/140-30G	1300	30 +/-5	2.7	1.3	6.8	4.6
58076-216-ZZ	MZZ-02x02-100/140-20G	1300	20 +/-3	1.9	0.9	8.5	6.4
58076-217-ZZ	MZZ-02x02-100/140-10G	1300	10 +/-2	1.4	0.4	11.8	9.3
58076-218-ZZ	MZZ-02x02-100/140-05G	1300	5 +/-2	1.1	0.2	16.0	11.6

Notes:

1. The -ZZ at the end of the Part Number specifies the Housing and Leads. Use type "BS", "FL", or "RP" designators.
The -MQ specifies the -MQ housing and leads.
2. Specifications are the same for type "BS", "FL", and "RP" housings and leads

Ordering Information for Nonstandard Multimode 2x2 Couplers

□□□-□□×□□-□□□/□□□-□□-□-□.□/□.□-□□-□□

Multimode Coupler	M
Steel tube / bare fiber leads	BS
Steel tube / large bare fiber leads	MQ
Steel tube / TFE tubed leads	FL
Plastic housing / reinforced jacket leads	RP
2 inputs	02
2 outputs	02
50 µm core fiber	050/125
62.5 µm core fiber	062/125
100 µm core fiber	100/140
200 µm core fiber	200/240
Tap ratio	
1% to 50% expressed as 01 to 50	01
	-
	50
Wavelength Option	
	850 - X
	1300 - D
Input lead length	
0.2 m to maximum lead length	0.2
	-
	1.0
Output lead length	
0.2 m to maximum lead length	0.2
	-
	1.0

See page 37 for ordering information on optional connectors.

Fiber Optic Multimode Couplers

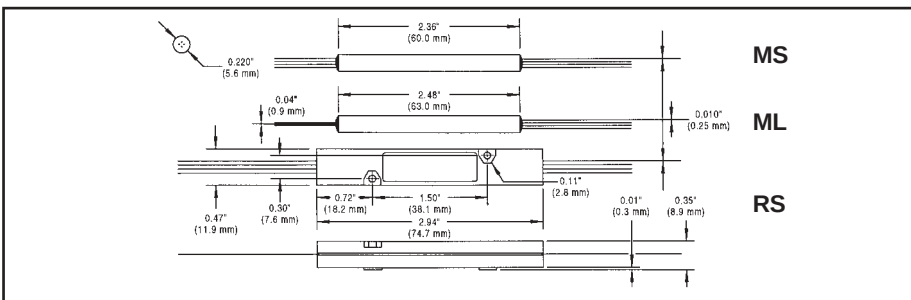
MxN Star Couplers

Canstar MxN multimode Star Couplers are designed for use in fiber optic local area networks, industrial control, data acquisition and data distribution systems. Optimum performance and operation under adverse environmental conditions are achieved through licensed use of fused biconical taper coupler patents, with proprietary refinements combined with rigorous quality control.

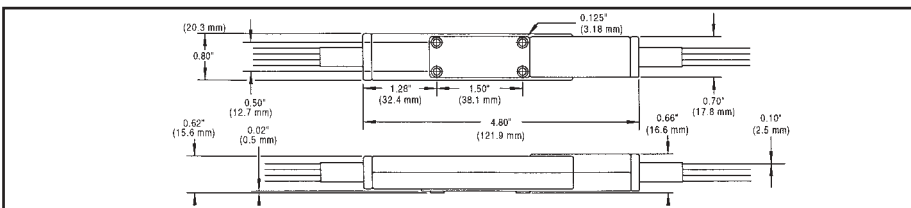
Features and Benefits

- Low insertion loss.
- Uniform outputs.
- High directivity.
- Bidirectional.
- Stable over wide temperature range.
- Range of fiber sizes.
- Range of housing options.
- Optional connectorized leads.
- PC board mountable.

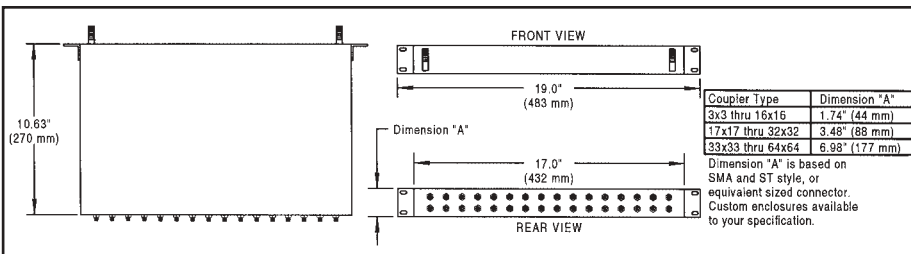
Product	Housing Type	Lead Type
HMS	Steel Tube	Acrylate
HML	Steel Tube	TFE
HRS	Compact Plastic Housing	Acrylate
HHS	Large Plastic Housing	Acrylate
HHL	Large Plastic Housing	TFE
HHP	Large Plastic Housing	Reinforced Jacket
TX	EIA 19" Rack	Acrylate



MS & RS - type, 250 μm coated fiber leads with steel tube or plastic housing.



HP, HL & HS - type, plastic housing for reinforced jacketed leads or TFE tubed leads.



TX - type, Star coupler mounted in EIA 19" rack.

Specifications for Standard Multimode MxN Star Couplers

Coupling:	Please refer to the following table. Couplers are tested under fully filled launch conditions.
Optical Fiber(s):	Corning™ and Spectran™ acrylate coated, glass clad fibers 50/125/250, 62.5/125/250, and 100/140/250. Contact factory for other fibers, including step index.
Wavelength Range:	Designed for operation over 600 to 1600 nm, guaranteed at 850 nm or 1300 nm as specified.
Directivity:	≥ 40 dB
Temperature Range:	-40 to +85 °C (without connectors)
Dimensions:	Please refer to above drawings.
Lead Lengths:	250 µm coating - Standard = 1 m, Maximum = 10 m (actual lengths may be greater than nominal). 0.9 mm TFE tube - Standard = 55 ± 5 cm, Maximum = 105 ± 5 cm 2.5 mm Reinforced Jacket - Standard = 55 ± 5 cm, Maximum = 105 ± 5 cm

Part Number	Part Descriptor	Wavelength (nm)	Coupling Ratio (%)	Maximum Insertion Loss (db)	Maximum Loss Spread (db)
10003295-A-ZZ-001	HZZ-01X03-AAA/AAA-XXF	850	33.3	5.8	0.8
10003295-A-ZZ-002	HZZ-03X03-AAA/AAA-XXF	850	33.3	5.8	0.8
10003295-A-ZZ-003	HZZ-01X04-AAA/AAA-XXF	850	25.0	7.5	1.0
10003295-A-ZZ-004	HZZ-02X04-AAA/AAA-XXF	850	25.0	7.5	1.0
10003295-A-ZZ-005	HZZ-04X04-AAA/AAA-XXF	850	25.0	7.5	1.0
10003295-A-YY-006	HYH-01X06-AAA/AAA-XXF	850	16.6	9.0	1.0
10003295-A-YY-007	HYH-06X06-AAA/AAA-XXF	850	16.6	9.0	1.0
10003295-A-YY-008	HYH-01X08-AAA/AAA-XXF	850	12.5	11.0	1.5
10003295-A-YY-009	HYH-04X08-AAA/AAA-XXF	850	12.5	11.0	1.5
10003295-A-YY-010	HYH-08X08-AAA/AAA-XXF	850	12.5	11.0	1.5
10003295-A-WW-011	HWW-01X12-AAA/AAA-XXF	850	8.3	12.5	2.0
10003295-A-WW-012	HWW-12X12-AAA/AAA-XXF	850	8.3	12.5	2.0
10003295-A-WW-013	HWW-01X16-AAA/AAA-XXF	850	6.3	14.5	2.0
10003295-A-WW-014	HWW-16X16-AAA/AAA-XXF	850	6.3	14.5	2.0
10003295-A-WW-015	HWW-01X20-AAA/AAA-XXF	850	5.0	15.5	2.0
10003295-A-WW-016	HWW-20X20-AAA/AAA-XXF	850	5.0	15.5	2.0
10003295-A-RR-017	HRR-01X32-AAA/AAA-XXF	850	3.1	17.5	2.0
10003295-A-RR-018	HRR-32X32-AAA/AAA-XXF	850	3.1	17.5	2.0
10003295-A-ZZ-101	HZZ-01X03-AAA/AAA-XXG	1300	33.3	5.8	0.8
10003295-A-ZZ-102	HZZ-03X03-AAA/AAA-XXG	1300	33.3	5.8	0.8
10003295-A-ZZ-103	HZZ-01X04-AAA/AAA-XXG	1300	25.0	7.5	1.0
10003295-A-ZZ-104	HZZ-02X04-AAA/AAA-XXG	1300	25.0	7.5	1.0
10003295-A-ZZ-105	HZZ-04X04-AAA/AAA-XXG	1300	25.0	7.5	1.0
10003295-A-YY-106	HYH-01X06-AAA/AAA-XXG	1300	16.6	9.0	1.0
10003295-A-YY-107	HYH-06X06-AAA/AAA-XXG	1300	16.6	9.0	1.0
10003295-A-YY-108	HYH-01X08-AAA/AAA-XXG	1300	12.5	11.0	1.5
10003295-A-YY-109	HYH-04X08-AAA/AAA-XXG	1300	12.5	11.0	1.5
10003295-A-YY-110	HYH-08X08-AAA/AAA-XXG	1300	12.5	11.0	1.5
10003295-A-WW-111	HWW-01X12-AAA/AAA-XXG	1300	8.3	12.5	2.0
10003295-A-WW-112	HWW-12X12-AAA/AAA-XXG	1300	8.3	12.5	2.0
10003295-A-WW-113	HWW-01X16-AAA/AAA-XXG	1300	6.3	14.5	2.0
10003295-A-WW-114	HWW-16X16-AAA/AAA-XXG	1300	6.3	14.5	2.0
10003295-A-WW-115	HWW-01X20-AAA/AAA-XXG	1300	5.0	15.5	2.0
10003295-A-WW-116	HWW-20X20-AAA/AAA-XXG	1300	5.0	15.5	2.0
10003295-A-RR-117	HRR-01X32-AAA/AAA-XXG	1300	3.1	17.5	2.0
10003295-A-RR-118	HRR-32X32-AAA/AAA-XXG	1300	3.1	17.5	2.0

Notes:

- The "A" in the Part Number corresponds to the fiber size. Use "1" for 050/125/250, "2" for 62.5/125/250 or "3" for 100/140/250.
- The "ZZ", "YY", "WW", "TT", and "RR" in the Part Number corresponds to the available housing type.
 "ZZ" - ML, MS, RS, HL, HP, HS
 "YY" - MS, RS, HL, HP, HS
 "WW" - HL, HP, HS
 "RR" - HS
- The above table shows a representative subst of the available MxN configurations. generally M can be any integer between 1 and 20 while N can be any integer between M and 20. Please contact the factory for configurations that are not listed above.
- Consult the factory for non standard fibers including step index fibers.

Ordering Information for Nonstandard Multimode MxN Star Couplers

□□□-□□x□□-□□□/□□□-□□-□-□.□/□.□-□□-□□

Multimode Star Coupler	H
Steel tube / bare fiber leads	MS
Steel tube / TFE tubed leads	ML
Compact plastic housing/ bare fiber leads	RS
Plastic housing / bare fiber leads	HS
Plastic housing / TFE tubed leads	HL
Plastic housing / reinforced jacket leads	HP
Rack mounted assembly	TX

Number of inputs	
1 to 32	01
	-
	32

Number of outputs	
3 to 32	03
	-
	32

50 µm core fiber	050/125
62.5 µm core fiber	062/125
100 µm core fiber	100/140

Nominal even power split	XX
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Wavelength Option	
	F - 850 nm
	G - 1300 nm

Input lead length	
0.2 m to maximum lead length	0.2
	-
	1.0

Output lead length	
0.2 m to maximum lead length	0.2
	-
	1.0

See page 37 for ordering information on optional connectors.

Connectorized Fiber Optic Couplers Singlemode and Multimode

Canstar Fiber Optic Couplers (including taps, splitters, WDM's and attenuators) are available with a wide range of factory installed and tested fiber optic connectors.

Features and Benefits

- Low additional insertion loss.
- High return loss singlemode with Super, Ultra and Angle PC.
- High return loss multimode with PC technology.
- Hybrid assembly.
- Fast turnaround.



Connectorized coupler.

Specifications for Connectorized Couplers

Optical Performance:	Please refer to coupler specification for insertion loss values, and add connector insertion loss from table below.
Standard Lead Length:	Please refer to coupler specifications.
Lead Length Tolerance:	+10%/-0% of nominal length.
Temperature Range:	-20 to +70 °C

	<u>Fiber</u>	<u>Connector Options</u>	<u>Polish Options</u>	<u>Insertion Loss/Connector (dB)</u>	<u>Back-reflection (dB)</u>
Singlemode Couplers	SMF-28™	SC, FC, ST, LC	PC	≤ 0.35	> 40
	SMF-28™	SC, FC, ST, LC	SPC	≤ 0.35	> 45
	SMF-28™	SC, FC, ST, LC	UPC	≤ 0.35	> 50
	SMF-28™	SC, FC, ST	APC	≤ 0.5	> 60
Multimode Couplers	50/125	FC, ST	Flat	≤ 0.5	not specified
	50/125	SMA (905 & 906)	Flat	≤ 1.0	not specified
	62.5/125	FC, ST	Flat	≤ 0.5	not specified
	62.5/125	SMA (905 & 906)	Flat	≤ 1.0	not specified
	100/140	FC, ST	Flat	≤ 0.5	not specified
	100/140	SMA (905 & 906)	Flat	≤ 1.0	not specified
	200/240	ST	Flat	≤ 0.5	not specified
	200/240	SMA (905 & 906)	Flat	≤ 1.0	not specified
				Please contact factory for low reflection PC polished multimode connectors.	
				Other connector types available on request.	

Ordering Information for Connectorized Couplers

□□□-□□x□□-□□□/□□□-□□-□-□.□/□.□-□□-□□

Coupler Information (see pages 4 - 35)

Input connector type

SMA 905	A
SMA 906	B
ST	C
SC	D
FC	E
LC	K
No connector	X
Custom	Z

Input polish type

Flat	A
PC	B
SPC	C
UPC	D
APC	E
Not specified	X
Custom	Z

Output connector type

A
-
Z

Output polish type

A
-
Z