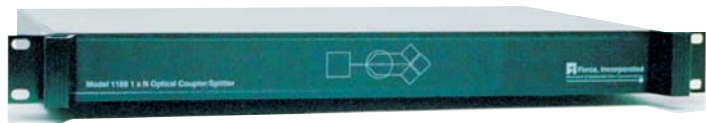


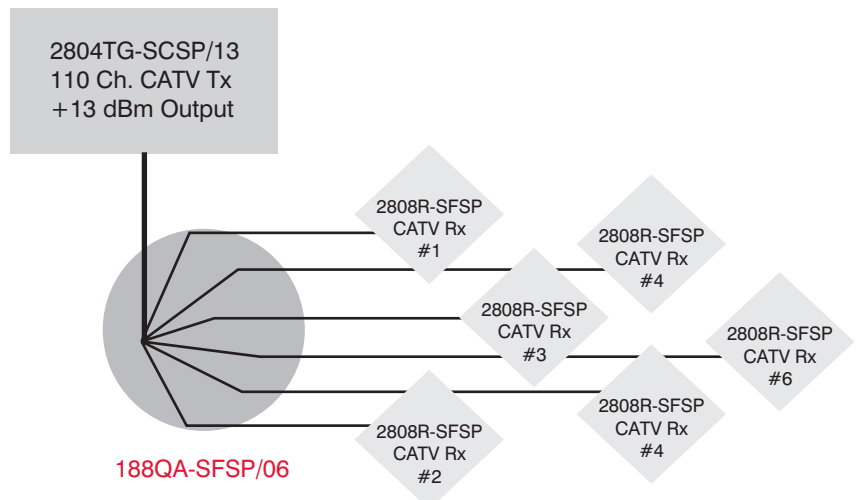
### Splitter/Coupler

- Provides a cost-effective high-performance means for creating a variety of point-to-multipoint network configurations.
- Options for 1 x 2 up to 1 x 16 inputs or outputs allow for a flexible system configuration.
- Low optical insertion loss and high flatness offer superior system performance.
- 1RU rack chassis mounts into any standard 19" relay rack or may be used as a table-top unit.
- Used with Force, Inc. **CATV<sup>Linx</sup>**® transport products to create a private network solution.



*Model 1188 Optical Splitter/Coupler*

The Force Model 1188 Optical Splitter/Coupler provides the ability to create a variety of point-to-multipoint fiber optic networks. Used with Force's **CATV<sup>Linx</sup>**® transport products, the 1188 allows a single transmitter to power two, four, six, eight, ten, 12, or 16 optical receivers with very low insertion loss and excellent flatness. The splitter/coupler accepts both 1310 nm and 1550 nm optical inputs and splits the signal into the required number of optical outputs for distribution to separate receive locations. For each configuration, Force offers two performance grades for the splitter/coupler, allowing private network providers to configure their exact requirements while providing the most cost-effective solution.



# Specifications and Ordering Information

## Performance Characteristics\*

For All Models, Center Wavelength is 1310 nm or 1550 nm

Bandwidth is  $\pm 40$  nm

	1x2	1x4	1x6	1x8	1x10	1x12	1x16
Typical Excess Loss (dB)	0.15	NA	NA	NA	NA	AN	NA
Typical Insertion Loss (dB)	3.3	6.3	8.1	9.5	10.5	11.4	12.6
Maximum Insertion Loss (dB)	4.0	7.0	9.0	10.6	12.0	13.2	14.0
Maximum PDL (dB)	0.15	0.3	0.4	0.45	0.5	0.5	0.6
Minimum Directivity (dB)	50	50	50	50	50	50	50
Maximum Uniformity (dB)	0.7	1.4	1.7	2.1	2.0	2.3	2.8

## Environmental and Physical Characteristics

	Min	Typ	Max	Units
Operating Temp. Range	0		+65	°C
Storage Temp. Range	-40		+85	°C
Humidity	5		90	%
Weight		5.5		lbs
		2.4		kg
Dimensions	19.0 x 1.75 x 11.8			in.
	483 x 45 x 300			mm



*Model 1188 Front and Rear Views*

## Coupler/Splitter and Optical Jumper P/N\*

Coupler/Splitter Options	1 x 2	1 x 4	1 x 6	1 x 8	1 x 10	1 x 12	1 x 16
1RU, SM, Equal Split, 1310/1550 nm, SC/APC	1188QA-SFSP/02	1188QA-SFSP/04	1188QA-SFSP/06	1188QA-SFSP/8	1188QA-SFSP/10	1188QA-SFSP/12	1188QA-SFSP/16

Optical Jumper Options	1 Meter	3 Meters
SM Optical Jumper, SC/APC Conn.	8000-0241-03	8000-0241-04

\* FC/APC optical connector options are available. Replace SP in the part number with AP. Optical splits other than equal may also be ordered. Contact Customer Service by telephone or email [csr-sales@forceinc.com](mailto:csr-sales@forceinc.com) for complete part numbers.



**FORCE**

OPTICAL BROADCAST SYSTEMS

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