



Enabling Australia's Field Technicians to build, troubleshoot and maintain better communications networks.



This reference material is provided by TMG Test Equipment, VI.AVI's **only** Master Distributor for Contractors in Australia



Industry Best Pricing



Finance Available



Short to Medium Project-Based Rental Solutions



Dedicated Technical & After-Sales Support



In-house Diagnostics, Repair & NATA Calibration Laboratory



FREECALL 1800 680 680

MAP Utility



For stand-alone applications, the MAP Utility may be used as a benchtop

Key Features

- Many tap ratios available
- Up to 3 couplers per cassette
- SM and MM

Applications

- Bit error rate (BER) test
- Passive component test
- Optical amplifier test

Safety Information

- This cassette, when installed in a MAP chassis, complies to CE requirements plus UL3101-1 and CAN/CSA-C22.2 No. 1010.1.

The Multiple Application Platform (MAP) Utility Cassette is designed to simplify the mechanical integration of passive optical components for test sets. It is a highly configurable cassette that contains passive optical devices such as 1 x 4 splitters, 1 x 8 splitters and taps. It supports angle or flat polish connectors and single-mode (SM) and multimode (MM) fibers.

A blank cassette is available for mechanical mounting of components such as isolators, circulators or fixed attenuators. The cassettes are supplied with mounting hardware and up to ten bulkhead adapters for ease of integration.


2

Single-Mode (SM) Specifications

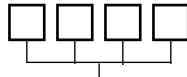
Parameter	SM 1x2, 1/99 Tap/ Coupler (Fused)	SM 1x2, 10/90 Tap/ Coupler (Fused)	SM 1x2, 30/70 Tap/ Coupler (Fused)	SM 1x2, 50/50 Tap/ Coupler (Fused)	SM 1x4 Splitter/ Coupler (Fused)	SM 1x8 Splitter/ Coupler (Fused)
Fiber type	9/125 μm					
Wavelength	1310/1550 nm					
Insertion loss (IL)	< 24.0/1.2 dB	< 11.8/<1.2 dB	< 6.5/< 2.4 dB	< 4.1 dB	8.0 dB	11.5 dB
Optical power handling	300 mW					
Number of slots	1					
Dimensions (W x H x D)	4.06 x 13.24 x 39.5 cm					
Weight	< 1.0 kg					

Multimode (MM) Specifications

Parameter	MM 10/90 Tap/Coupler (Micro-optic)	MM 50/50 Tap/Coupler (Micro-optic)
Fiber type	50/125 μm or 62.5/125 μm	
Wavelength	850/1310 nm	
IL	< 11.8/< 1.2 dB	< 4.1 dB
Optical power handling	300 mW	
Number of slots	1	
Dimensions (W x H x D)	4.06 x 13.24 x 39.5 cm	
Weight	< 1.0 kg	

Ordering Information
MAP Utility Cassette with Built-in Splitter/Coupler
Sample: MAPU +1SFP12103700
MAPU+1S


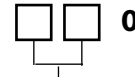
Code	Connector Type
FP	FC/PC
FA	FC/APC
SC	SC/PC
SU	SC/APC



Code	Coupler / Tap Ratio
1201	1x2 tap/coupler, 1/99 (9/125 only)
1210	1x2 tap/coupler, 10/90
1230	1x2 tap/coupler, 30/70 (9/125 only)
1250	1x2 tap/coupler, 50/50
1400	1x4 tap/coupler
1800	1x8 splitter/coupler




Code	Number of Devices
1	1
2	2 ¹
3	3 ²




Code	Fiber Type (µm)
10	50/125 at 850/1310 nm (micro-optic) ²
20	62.5/125 at 850/1310 nm (micro-optic) ²
70	9/125 at 1310/1550 nm (fused)

1. Not available for 1x8 splitter/coupler.

2. Not available for 1x4 tap/coupler and 1x8 splitter/coupler.

Blank MAP Utility Cassette
Sample: MAPU +10FP04000000
MAPU+10


Code	Connector Type
FP	FC/PC
FA	FC/APC
SC	SC/PC
SU	SC/APC


000000

Code	Number of Bulkhead Connectors
01	1
02	2
03	3
04	4
05	5
06	6
07	7
08	8
09	9
10	10

Note: Standard accessories included with a blank MAP Utility Cassette: splice holders, fiber holders, coupler mounts.



If the configurations available do not meet your performance requirements, please contact our global sales and customer service team to discuss the potential for specialized solutions.

UL is a registered trademark of Underwriters Laboratories Inc.

All statements, technical information and recommendations related to the products herein are based upon information believed to be reliable or accurate. However, the accuracy or completeness thereof is not guaranteed, and no responsibility is assumed for any inaccuracies. The user assumes all risks and liability whatsoever in connection with the use of a product or its application. JDSU reserves the right to change at any time without notice the design, specifications, function, fit or form of its products described herein, including withdrawal at any time of a product offered for sale herein. JDSU makes no representations that the products herein are free from any intellectual property claims of others. Please contact JDSU for more information. JDSU and the JDSU logo are trademarks of JDS Uniphase Corporation. Other trademarks are the property of their respective holders. ©2006 JDS Uniphase Corporation. All rights reserved. 21031274 Rev.006 04/06 MAPU.DS.TM.AE

Test & Measurement Regional Sales

NORTH AMERICA TEL: 1 866 228 3762 FAX: +1 301 353 9216	LATIN AMERICA TEL: +55 11 5503 3800 FAX: +55 11 5505 1598	ASIA PACIFIC TEL: +852 2892 0990 FAX: +852 2892 0770	EMEA TEL: +49 7121 86 2222 FAX: +49 7121 86 1222	WEBSITE: www.jdsu.com
---	--	---	---	--