

OPT720 Series

MPO Test Lead

Revision 1

OPT720 series MPO Fiber Test Leads are IEC standard compliant and can be used as reliable reference test leads in fiber optic link test and measurement works.

Features

- Low Insertion Loss of 0.2dB max
- Optical Return Loss of lower than 55 dB

OPTICAL SPECIFICATIONS

Parameters	Specifications
Fiber type	12 Fiber, Single-mode 9/125 OS/2, Plenum
Test wavelength (nm)	1310/1550
Max Insertion Loss (dB)	$\leq 0.20^1$
ORL (dB)	> 60 dB (mated), > 55 (unmated)
Operating Temperature	-0 ~ +70 °C
Relative humidity	95%
Compliant	IEC14763-3

Note 1: When mating with similar quality connectors/fibers.

Australian and international patents. Technical data is subject to change without notice as part of our program of continuous improvements.

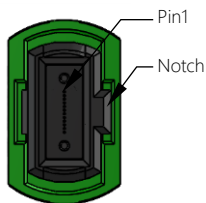
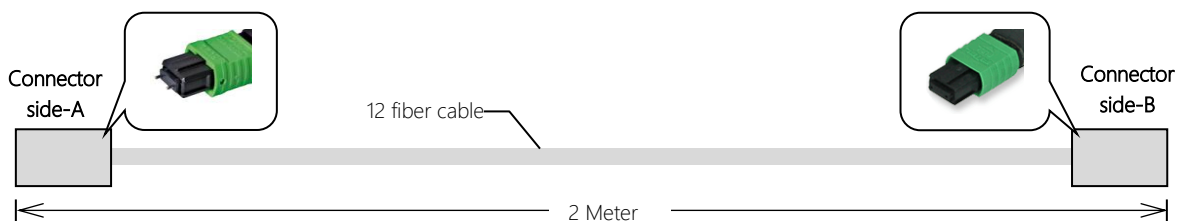
ORDERING INFORMATION

See next page for drawings, pictures and additional information on different test lead types.

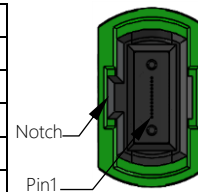
Description	Part number
MPO (with pins)-to-MPO (without pins) type:	
Test Lead, SM MPO-APC Pin/No Pin, 12 fiber, 2 m, Standard	OPT720-MPO-STD
Test Lead, SM MPO-APC Pin/No Pin, 12 fiber, 2 m, Full flipped	OPT720-MPO-FFP
Test Lead, SM MPO-APC Pin/No, Pin 12 fiber, 2 m, Pair flipped	OPT720-MPO-PFP
MPO (without pin)-to-Breakout type:	
Test Lead, SM MPO-APC No Pin/Breakout SC, 12 fiber, 2m	OPT720-BKO-SC
Test Lead, SM MPO-APC No Pin/Breakout SC-APC, 12 fiber, 2 m	OPT720-BKO-SCAPC
Test Lead, SM MPO-APC No Pin/Breakout LC, 12 fiber, 2 m	OPT720-BKO-LC
Test Lead, SM MPO-APC No Pin/Breakout LC-APC, 12 fiber, 2 m	OPT720-BKO-LCAPC
MPO (with pin)-to-Breakout type:	
Test Lead, SM MPO-APC Pin/Breakout SC, 12 fiber, 2 m	OPT720-PBKO-SC
Test Lead, SM MPO-APC Pin/Breakout SC-APC, 12 fiber, 2 m	OPT720-PBKO-SCAPC
Test Lead, SM MPO-APC Pin/Breakout LC, 12 fiber, 2 m	OPT720-PBKO-LC
Test Lead, SM MPO-APC Pin/Breakout LC-APC, 12 fiber, 2 m	OPT720-PBKO-LCAPC

OPT720 Series – MPO Test Lead

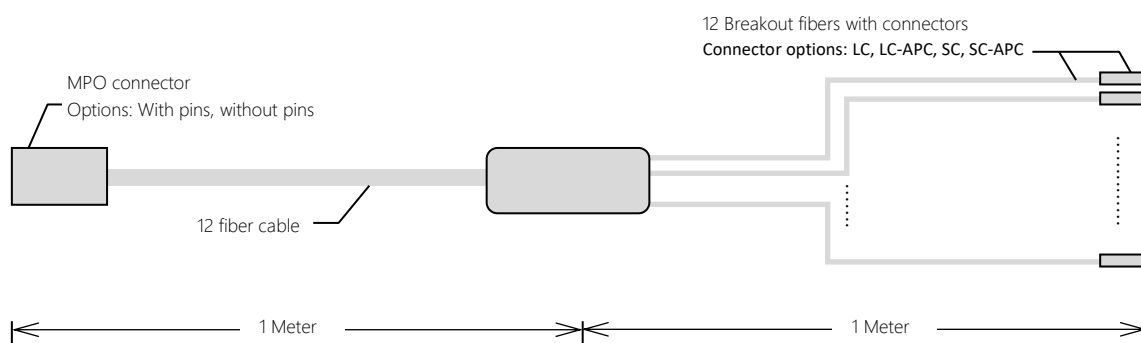
MPO (WITH PINS)-TO-MPO (WITHOUT PINS) TYPE:



Connector Pin Configurations						
Configuration:	Standard		Full Flipped		Pair Flipped	
Side:	A	B	A	B	A	B
Pin #:	1	1	1	12	1	2
	2	2	2	11	2	1
	3	3	3	10	3	4
	4	4	4	9	4	3
	5	5	5	8	5	6
	6	6	6	7	6	5
	7	7	7	6	7	8
	8	8	8	5	8	7
	9	9	9	4	9	10
	10	10	10	3	10	9
	11	11	11	2	11	12
	12	12	12	1	12	11



MPO-TO-BREAKOUT TYPES:



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Change Records:

Revision	Revision date	Edited by	Change description
prelim		TO Ng	Preliminary release.
1	24/4/2017	TO Ng	1. Transferred the brochure on the new format. 2. Corrected the typo in the part numbers for MPO (with pin)-to-Breakout type.

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