

Connectivity Fiber

OSC – OTDR Starter Cube Launch Fiber



DESCRIPTION:

- OSC – OTDR Starter Cube facilitate reflectometric test with the use of OTDR
- eliminates dead zone in reflectometer and guarantees accurate and reliable measurement
- housing equipped with a magnet – OSC can be easily mounted on a rack
- shoulder strap for easy transport, moving and measurement
- terminated with master class connectors available in a wide range of types
- capacity up to 1000m of fiber in SM or MM type
- color identification of the fiber and connector polishing type
- anti-vibes protection
- possibility to protect the input and output fiber with tube:
 - reinforced internally with metal spiral wrap with crush resistant 1000N/10cm
 - reinforced with aramid yarns

TECHNICAL SPECIFICATION:

Parameter	OSC
Dimensions (w)x(h)	107x86 mm
IL _{MAX} @ 1310 nm (SM fiber)	≤ 0.35 dB/km
IL _{MAX} @ 1550 nm (SM fiber)	≤ 0.22 dB/km
IL _{MAX} @ 850 nm (MM fiber)	≤ 2.50 dB/km
IL _{MAX} @ 1300 nm (MM fiber)	≤ 0.70 dB/km
SM Connector Insertion Loss (IEC 61300-3-4)	≤ 0.1 dB
MM Connector Insertion Loss (IEC 61300-3-4)	≤ 0.15 dB
Return Loss (IEC 61300-3-6)	RL ≥ 65 dB (APC); RL ≥ 55 dB (UPC); RL ≥ 35 dB (PC);
Operating temperature	-40 do +55°C
Length of input and output fiber	1.5 m

STANDARD FIBERS LENGTHS

MM FIBERS	SM FIBERS
100 m	100 m
300 m	300 m
500 m	500 m
	1000 m

Type:	OSC – OTDR Starter Cube Launch Fiber	REV: 1.2
Date:	15.07.2016	AŁ
Modification:	16.11.2021	BK
PN:	OSC-xx, see ordering information	

Connectivity Fiber

ORDERING INFORMATION:

SERIES	FIBER TYPE	FANOUT	CONNECTOR TYPE		LENGTH [m]
			INPUT	OUTPUT	
OSC	A G.652D	1 - 1.8mm harsh	1 - E2	1 - E2	0100
	B SMF G655	2 – tube reinforced with aramid	2 - E2A	2 - E2A	
	D SMFG657A1		3 - FC	3 - FC	
	E SMF G657A2		4 - FCA	4 - FCA	
	H MMF OM1		5 - LC	5 - LC	
	I MMF OM2		6 - LCA	6 - LCA	
	K MMF OM3		7 - SC	7 - SC	
	L MMF OM4		8 - SCA	8 - SCA	
			9 - ST	9 - ST	

Example:

OSC-A-1-88-0500 Fibrain OSC launch fiber, G.652D fiber, 1.8 mm reinforced harsh tube , SC APC connectors, length 500m.

This document and the statements contained in it, are not intended for customers within the meaning of Civil Code. The information submitted in this document is to our knowledge and belief true at the time of issue, however, we do not assume any liability whatsoever for its accuracy, and completeness. This document is for informational purposes on an "as is" basis only, and Fibrain reserves the right to change its contents at any time without prior notice. The specification cannot in any case be considered an offer within the meaning of the Civil Code and is not contractually valid unless specifically authorized by Fibrain. Before using this product, its buyer and/or user has to make sure that it is suitable for the intended use. All liability issues related to this product are subjected to the seller's separate Terms of Sale or the terms and conditions agreed with the Fibrain representative or distributor.