

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 measurements
- 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)	≤ 0.15 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

Type:	OSC – OTDR Starter Cube Launch Fiber	REV: 1.3
Date:	15.07.2016	Ał
Modification:	01.08.2022	BK
PN:	OSC-xx, see ordering information	

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STANDARD FIBERS LENGTHS

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

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.

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