

WALL OUTLET STANDARD - WOS

Field of Application

Designed for FTTH applications, the Wall Outlet Standard is used to terminate optical cables to pigtails at customer premises. It is mounted on the wall. The WOS provides mechanical protection and managed fiber control in an attractive format. The cable is fed to the wall outlet from top side, bottom side or from the back. A patch cord leads from the wall outlet to the active equipment (CPE – Customer Premises Equipment)

Features:

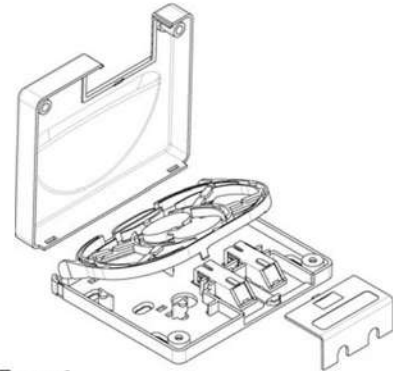
- Hinged/detachable splice cassette
- Detachable cap
- Compact design
- Separate fiber guiding
- Suitable for heat-shrinkable splice-protection as well as for mechanical splice protection

Components:

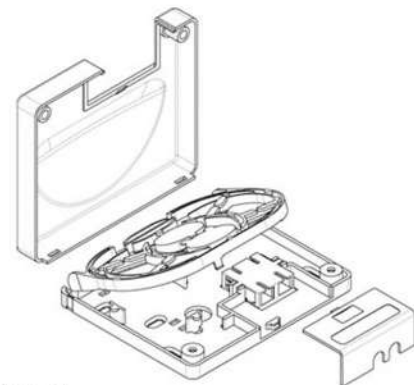
1.	WOS Cover	1	pc	
2.	WOS Body	1	pc	
3.	WOS Splice Cassette	1	pc	
4.	WOS Lid	1	pc	
5.a.	SCsx/UPC adapter	max 2		Optional
5.b.	SCsx/APC adapter	max 2		Optional
6.a.	Pigtail SC/UPC	max 2		Optional
6.b.	Pigtail SC/APC	max 2		Optional
7.	Mounting kit*	1	pc	

*Mounting kit content:

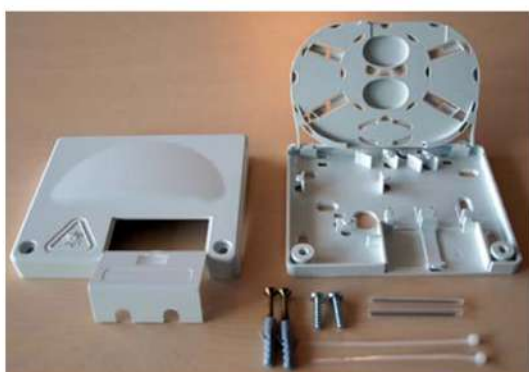
2 screws with wall plastic plugs, 2 cable ties, 2 heat-shrink splice protection, 2 special screws for thermoplastic for cover fixation.



WOS Type 1



WOS Type 2



WALL OUTLET STANDARD - WOS

Description of Components:

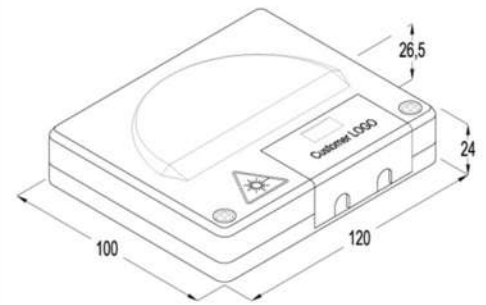
Wall outlet standard is used for termination of optical installation cable to pigtails at subscriber's premises. It is mounted on the wall. Cable is fed to the wall outlet from the left or right side, or from the back. Wall outlet consists of bottom, splice cassette, cover and lid. The body is fixed to the wall with screws and is used for entrance of optical installation cable, mounting of optical adapters SC/UPC and SC/APC and routing of patch cords. Purpose of splice cassette is to take excess length of optical cables and splice protectors (max 2 pcs). Heat shrink splice protector or "Cold Splice Protector" (mechanical splices) can be fixed easily on splice cassette. A cover protects the contents of the wall outlet and is fixed to the outlet with two M4 screws. An easily removable lid protects patch cords connectors. Optionally a customer logo can be placed on the lid. The construction of the wall outlet ensures a minimum bending radius for pigtails of $R=30$ mm and prevents disconnection of patchcord connectors without removing the lid. Wall outlet ZSK-P 02/1-2 is made of Grey (RAL 7035) or White (RAL 9010) high heat and high impact resistance ABS plastic. There is an engraving on the cover – symbol Laser origin.

Optical Adapter SCsx adapter type (UPC or APC Version) with plastic housing and ceramic sleeve (ZrO₂); IEC 61754-4, TIA 604-3 compliant

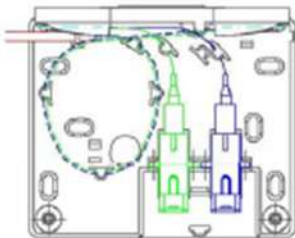
Pigtail Semi-TB construction with 900 μ m outer diameter and 1m length. Fiber type 9/125, G657.A, IEC 61754-4, TIA 604-3 compliant
UPC Version $IL \leq 0,3$ dB; $RL \geq -50$ dB or APC Version $IL \leq 0,3$ dB; $RL \geq -65$ dB

Technical specifications:

Material:	ABS
Color:	Grey (RAL 7035) or White (RAL 9010)
Operating temperature	-40 °C to +75 °C (acc. EN 60068-2-1 and EN 60068-2-1)
Flammability	UL94 HB
IP Protection class	IP42 (according IEC 60529)
Dimensions	120mm x 100mm x 26.5 mm (LxWxH)
Weight	95 grams (without adapters and pigtails)

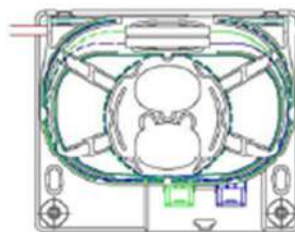


Installation



SCsx Adapters

Bottom view of WOST1 Assembly with two SCsx AdapterS and Pigtails, With installed instalation cable.



Splice cassette

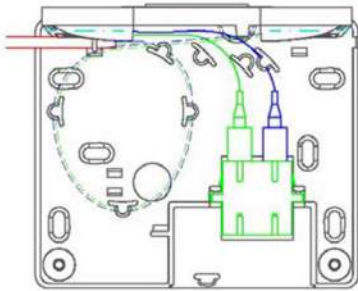
Pigtail and Instalation cable Fiber guiding within hinged and detachable splice cassette.



Assembled WOST1

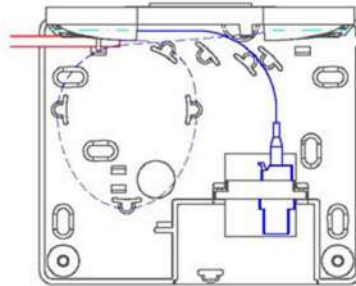
Wall Outlet Standard with Cover and Lid.

WALL OUTLET STANDARD - WOS



SCdx Adapter

Bottom view of WOST2 Assembly with SCdx Adapter and Pigtails, With installed installation cable.



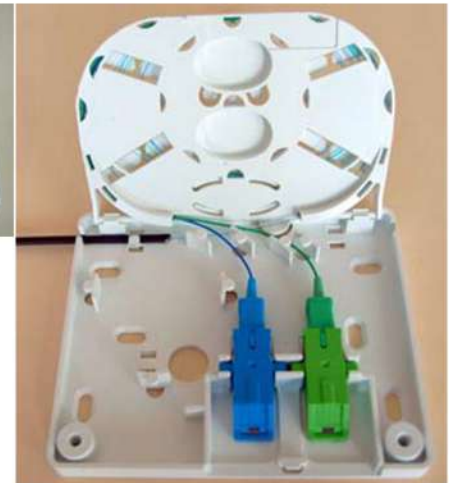
LCsx Adapters

Bottom view of WOST2 Assembly with LCsx Adapter and Pigtail, With installed installation cable.



Assembled WOST2

With inserted SCdx frame for LCsx Adapter



WOS / X1_X2/X3_X4/X5_X6/X7

X1	WOS - TYPE / KAPACITY
T1	1 or 2 Ports Using SX Adapters
	2 or 4 Ports Using DX Adapters
T2	1 Ports Using SX Adapters
	2 Ports Using DX Adapters
	4 Ports Using Quad Adapters

X2/X3	ADAPTERS TYPE (With FLANGE Type)		
SU	SC-UPC Blue	SX	
SA	SC-APC Green	SX	
SUC	SC-UPC Blue	SX	
	With integrated shutter		
SAC	SC-UPC Green	SX	
	With integrated shutter		
SU	SC-UPC Blue	DX	
SA	SC-APC Green	DX	
L1U	LC-UPC Blue	SX	
L1A	LC-APC Green	SX	
LU	LC-UPC Blue	DX	
LA	LC-APC Green	DX	
L4U	LC-UPC Blue	QUAD	
L4A	LC-APC Green	QUAD	
EU	E2000-UPC Blue	SX	
EA	E2000-APC Green	SX	
XU	LX.5-UPC Blue	DX	
XA	LX.5-APC Green	DX	

X4/X5	ADAPTERS Quantity		
T1	W0 - Type	MIN	MAX
		1	2
T2		1	1

X6/X7	PIGTAILS Quantity			
Front Panel Type	Adapter Type	MIN	MAX	
	T1	SX	0	2
T2		DX	0	4
		SX	0	1
		DX	0	2
		QUAD	0	4

- NOTES:
1. In WOS TYPE T1 fit up to 2 pcs SCsx cutout adapters with flange (SCsx, E2000sx, LCdx, LX.5dx).
 2. In WOS TYPE T2 fit 1 pc SCdx cutout adapter with flange (SCdx, LCQuad and LCsx with special adapter).
 3. Standard WOS delivery is, all ordered parts assembly together + Mounting kit, all packed in transparent bag.
 4. In case when Pigtaills ordered are the same type, we delivered in different colours.
 5. In standard delivery is Fiber cable Pigtail Ø0,9mm, Semitight, with Fiber 9/125 G657.A

WALL OUTLET STANDARD - WOS

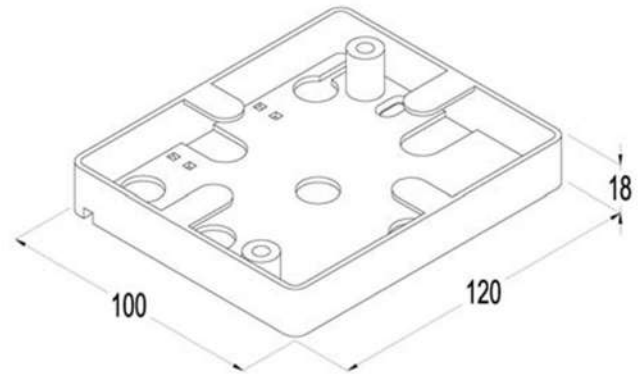
Accessories

Storage Box for Wall Outlet Standard

The Storage box is mounted between the wall outlet and the wall. Is designed for overlength storage of the income cable which will be feed into the wall outlet. The storage box can accommodate an overlength of 4 meters (duplex cable) or 8 meters (simplex cable) and assures through its shape a minimal bending radius of 30 mm.

Storage box - Technical specifications:

Material:	ABS
Colour:	Grey (RAL 7035) or White (RAL 9010)
Mounting	The wall outlet will be attached with M4 screws
Storage capacity	4 meters (duplex cable), 8 meters (simplex cable)
Dimensions	120mm x 100mm x 18 mm (LxWxH)
Weight	40 gramms (net.) 60 gramms (brut.)



PAT tel Ordering Code: WOS / SB

Scope of delivery:
Storage box packed in plastic bag with mounting kit

