

INTRODUCTION

Lioht provides a variant range of LIGHT INTERFACE UNIT (LIU) or OPTICAL DISTRIBUTION FRAME (ODF) which is used to provide cable interconnections between communication facilities, which can integrate fiber splicing, fiber termination, fiber optic adapters C connectors and cable connections together in a single unit. It can also work as a protective device to protect fiber optic connections from damage.

APPLICATION

- ❖ FTTH access network.
- ❖ Telecommunication network.
- ❖ Data communication network.
- ❖ CATV applications.

FEATURES

- ❖ Suitable for rack mounting in 19" Rack.
- ❖ Front rack mounting and of sliding type.
- ❖ Indoor location
- ❖ Entry Port from Rear side of the frame - 2 Nos.
- ❖ Pigtail Length - 1 M (900 um Tight Buffer)

TECHNICAL INFORMATION

PARAMETER	DESCRIPTION
Material Thickness	CRCA 1 mm 1U - 4U ;1.2 mm for 6U
Colour of coating	RAL - 7032
Adapter	LC/SC/FC; SX/DX Type
Polishing Type	PC/APC/UPC
Size	1U/2U/3U/4U/6U
Dimension	482 W X 280 D

FIBRE COUNT	SX ADAPTER	DX ADAPTER
6F	6 No's	3 No's
12F	12 No's	6 No's
24F	24 No's	12 No's
48F	48 No's	24 No's
96F	96 No's	48 No's
144F	144 No's	72 No's
288F	288 No's	144 No's

TRAY CONFIGURATION	
6F	1T X 6F
12F	1T X 12F
24F	1T X 24F
48F	2T X 24F
96F	4T X 24F
144F	6T X 24F
288F	12T X 24F

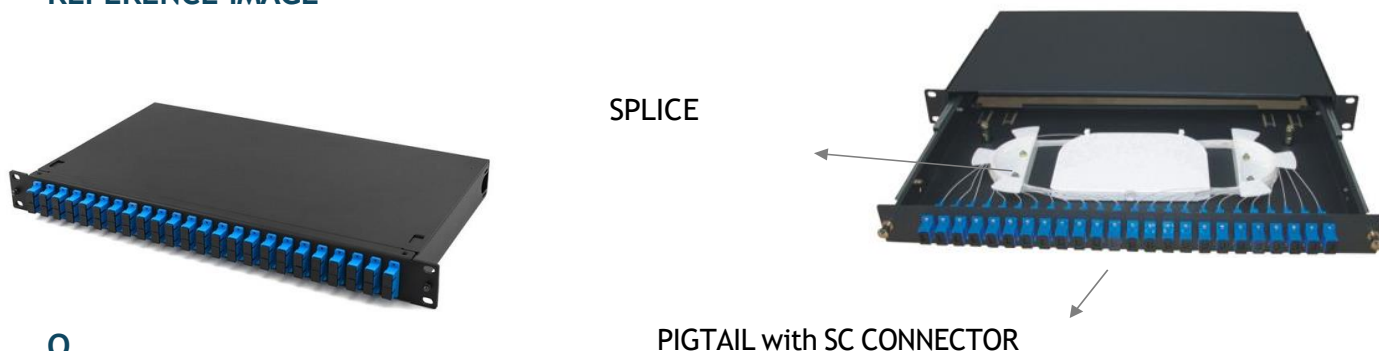
LIGHT INTERFACE UNIT

DS No.:1010VI REV: 00

CONNECTOR PARAMETERS

	SM (PC/UPC)				SM(APC)				MM (PC/UPC)			
Connector Type	FC	SC	LC	ST	FC	SC	LC	ST	FC	SC	LC	ST
Insertion Loss (dB)	≤ 0.3				≤ 0.3				≤ 0.3			
Return Loss (dB)	≥ 50				≥ 60				≥ 35			
Type of Ferrule	Zirconia Ceramic (Conical Zirconia Ceramic)											

REFERENCE IMAGE



ORDERING INFORMATION

LIGHT INTERFACE UNIT

A	B	C	D	E	F	G	H	I	J	K
LIU	X	XX	X	XX	X	XX	XX	X	X	XXXF

B	TYPE
RACK MOUNT	R

C	ADAPTOR TYPE
SC SIMPLEX	SS
LC SIMPLEX	LS
SC DUPLEX	SD
LC DUPLEX	LD
FC SIMPLEX ROUND	FR
WITHOUT ADAPTOR	WO

D	POLISH TYPE
PC	P
UPC	U
APC	A
WITHOUT ADAPTOR	N

E	FIBER TYPE
G652D	G2
G657A1	A1
G7657A2	A2
G657A TEC	G7
OM1	O1
OM2	O2
OM4	O4
WITHOUT FIBER	WO

F	FIBER CONSTRUCTION
INDIVIDUAL	I
RIBBON	R
NA	F

G	PIGTAIL COUNT
6 COLOR	06
8 COLOR	08
12 COLOR	12
NA	IB

H	SPLICE TRAY TYPE
12 F SPLICE TRAY	12
24 F SPLICE TRAY	24
WITHOUT SPLICE TRAY	NA

I	PANEL HEIGHT
1U	1
2U	2
4U	4
6U	6

J	PANEL DEPTH
315	A
300	B
275	C
280	D

K	FIBER COUNT
12F	012F
XXF	XXXF
UNLOADED	XXXU