

4U Rack Mountable LGX Modules

Product Features

- 19" Rack, Cabinet Mountable.
- For both 1310/1550 nm Windows
- Available with 1xN and 2xN Configuration
- Environmentally stable and reliable



Applications

- Telecommunications subscriber loop
- FTTX
- LAN/WAN
- CATV Network



Specifications

1x2 Specifications		Splitting Ratio 50 : 50
Operating Wavelength	nm	1310±40&1550±40
Insertion Loss(Max.)	dB	3.9 dB* ¹ * ²
Uniformity(Max.)	dB	1.2 dB
Polarization Dependent Loss(Max.)	dB	0.2 dB

Desired Split Ratio	55/45	60/40	65/35	70/30	75/25	80/20	85/15	90/10	95/05	97/03	98/02	99/01
IL Max.(dB)	3.4/4.5	2.9/5.0	2.5/5.7	2.1/6.4	1.8/7.5	1.5/8.5	1.2/10.6	0.8/12.7	0.5/18.9	0.4/19.5	0.4/21.0	0.4/24.0
PDL Max(dB)	0.2			0.3			0.35					

Other Configurations	1x3	1x4(2x4)	1x8(2x8)	1x16(2x16)	1x32(2x32)
Operating Wavelength	1310±40&1550±40 nm				
Insertion Loss(Max.)	5.8 dB* ¹ * ²	7.5 dB* ¹ * ²	11.5 dB* ¹ * ²	15.1 dB* ¹ * ²	15.8 dB* ¹ * ²
Uniformity(Max.)	1.5 dB	1.8 dB	2.5 dB	3.2 dB	3.5 dB
Polarization Dependent Loss(Max.)	0.3		0.4		0.6

*¹Values are without connector loss ; IL max. add 0.3 dB per connector *²Preminum grade available

Ordering Information

RML-----

Rack Mount Height —————

4U=4RU

Configuration —————

A02 : 1x2	A08 : 1x8	B32 : 2x32
B02 : 2x2	B08 : 2x8	XX: others
A03 : 1x3	A16 : 1x16	
A04 : 1x4	B16 : 2x16	
B04 : 2x4	A32 : 1x32	

Mobile Rack —————

S1 : 1 slot	→ 6 ports	→ 130(H)x24(W)x200(D)
S2 : 2 slot	→ 12 ports	→ 130(H)x49(W)x200(D)
S4 : 4 slot	→ 24 ports	→ 130(H)x98(W)x200(D)
S6 : 6 slot	→ 36 ports	→ 130(H)x147(W)x200(D)
S8 : 8 slot	→ 48 ports	→ 130(H)x196(W)x200(D)

Example : Configuration A04 → 5 ports → select S1
 Configuration B32 → 34 ports → select S6

Connector —————

00=None
 SC=SC/PC (include blue Adaptor)
 SA=SC/APC (include green Adaptor)
 XX= customer specified

Dimension Diagram

