H b d Ra a /EDFA ca a

P d c I d c

H b d Ra a /EDFA ca a a a d a- a , a ca ac a d a OSNR . C a d c a EDFA , OSNR ca b d 6 7dB; a d ca c d c d c c a d a a Ra a .

F a

- R c AGC c Ra a a d EDFA
- Ra d a c
- A d b : SSMF/G.652,L a /G.655,T a /G.655
- La d a c ad ab a a a d a T , d a ca ad a a d a T b Ra a a d EDFA

A ca

- L -d a c ca a , d a d a c
- ad 100Gb/ a

S a da d

- T c d a GR-1312-CORE
- R HS

S c ca

Pa a	U	M .	T .	Ma .	R a
O a Wa		1528		1568	
I O ca P	dB	-35		5	@
Sa a d O O ca P	dB			23	
Ga	dB	13		33	Ma ad ab a a :10dB
N F	dB	0.6		3.2	T a 13dB, a ; W a b c a , d c ad a , , 1.8dB ca a a

T a	O & d	dB			1	F 20dB Add/d ,
					800	100 a Fa /Ra
	a	dB			0.5	
Ga F c a		dB			0.5	
S			220 130 20			W ad a a
			220 130 23			W ad a a
O a T a		℃	-10		55	
P C		W			50	

O d I a

HYFA - R-□- E-□-□-□-□-□-□

C c ： FC SC,LC,MU/UPC,APC

F b ： 1:1