



## FR36 /FR53, Forward Path Optical Receiver

### Product description

Denfi FR36 / FR 53 (1RU) series AGC forward path optical receiver is designed and produced by absorbing the advantages of all kinds of CATV AGC optical receivers from both home and abroad. Featured with high index, multi-function and high reliability, it is suitable for high-end subscribers.

### Technical specification

		Min.	Typ.	Max.	
Optic-operation wavelength	(nm)	1310		1550	CATV
Optic input power (Pi)	(dBm)	-5		+3	
Working mode			Optical AGC		
Return Wave loss			≥ 55		
Optical Connector			FC/APC		
Bandwidth	(MHz)	45		862	
Total output power	(dBμ)		96 (FR36) /113 (FR53)		
Flatness	(dB)		<±0,5		
Network management interface			RJ45		SNMP
Output level adjustable	(dB)		0 - 20		(MGC)
Output impedance	Ω		75		
Test channel			PAL-D / 60ch		
CNR	(dB)		≥ 52(10Km fiber, -1 dBm)		
CTB	(dB)		≤ -70		
CSO	(dB)		≤ -63		
Power supply	(V)	90		265	220VAC
Power supply (opt.)	(V)	30		72	-48 VDC
Power consumption	(W)			50	
Operating temp.	(°C)	-5		65	
Relative humidity	(%)	5		95	
Size (W) x (D) x (H)		1U/HE		483x368x44	

Item Number	Type	HE	Output	Power	Connector
800570	FR36	1	1	96 dB μV	"F" socket
800571	FR53	1	1	113 dB μV	"F" socket