



**NOTIFICATION of END of LIFE PRODUCT
D2RF Series Fiber Amplifier (Analog output)**

July 03, 2023

To whom it may concern,

OPTEX FA Co., Ltd. appreciates and values your business.
We are announcing end of life of the following products:

Product Description

D2RF Series (Analog output)

	NPN	PNP
Cable type	D2RF-TAN	D2RF-TAP
	D2RF-2TAN	D2RF-2TAP

*Including special order specifications and derivative products of the above products

Reason for EOL

End of supply of key components

Last Order Acceptance Date

December 31, 2023

Last Shipping Date

March, 2024

Replacement Products

D4RF Series High speed response Digital Fiber Amplifier

Discontinued Model	Alternative Proposal
D2RF-TA*	D4RF-TA
D2RF-2TA*	

*For details, please see attached sheet or contact OPTEX FA.

Thank you very much for your support for OPTEX FA products.

Sincerely,
International Department
OPTEX FA Co., Ltd.

Comparison table with alternative proposals

		Discontinued Products		Alternative Proposal
Model		D2RF-TA*	D2RF-2TA*	D4RF-TA
Light source		4 element red LED		4 element red LED (wave length: 660 nm)
Response time		60 μs (Fast mode) 250 μs (Std mode) 2 ms (Long mode)		16 μs, 70 μs, 250 μs, 500 μs, 1 ms, 2 ms, 8 ms
Teach mode	Channel A (Analog output) setting	Teaching / manual adjustment		Analog 2 points teach, Analog auto teach, Manual
	Channel 1 (Control output) setting			1 point, 2 points, Auto, Through, 1-point Zone, 2-point Zone, Manual
Display		7-segment, 8-digit display (red: 4-digit, green: 4-digit)		OLED display 128 × 22 pixel Menu languages: English, Japanese, Korean, Simplified Chinese, Spanish
Control output		NPN/PNP open collector Max. 100 mA / 30 VDC or less Load current: 100 mA or less Residual voltage: 1.8 V or less		NPN/PNP open collector or Push-pull selectable by setting 1 output: Max. 100 mA, 2 outputs: Max. 50 mA / 30 VDC residual voltage 1.8 V or less
Analog output		Current output: 4 to 20 mA Load impedance: 300 Ω or less		Current output: 4 to 20 mA Load impedance: 300 Ω or less Voltage output: 0 to 10 VDC, 1 to 5 VDC Output impedance: 100 Ω or less
External input		Teach input, counter reset input selectable by setting		Teach input, Counter-reset, Emitter off, Hold out reset or Preset loading
Connection		Cable length: 2 m, ø4 mm Minimum bending radius: 4 x cable diameter		
Rating	Supply voltage	12 to 24 VDC, including 10% ripple (p-p)		12 to 24 VDC ± 10 % including 10 % ripple (p-p)
Degree of protection		IP50	IP66	IP54
NRTL certification		UL Recognized Component Proximity Switch Certified for US and Canada		
Product image				