

INFORMATION ONLY – DOES NOT COMMUNICATE
A MODIFICATION OR SAFETY CONDITION

86105C-01

S E R V I C E N O T E

Supersedes:
NONE.

85105C High Sensitivity, Broad Wavelength Plug-In Module

Serial Numbers: [0000A00000 / 9999Z99999]

Extinction Ratio (ER) Calibration Factors must be entered into module memory after a major repair. This IOSM communicates the latest factors referenced in the “Adjust Extinction Ratio Calibration Factors” procedure in the Agilent 86100/83480-Series Plug-in Modules Service Guide.

Always use the factors published in this IOSM for the adjustment procedure.

Parts Required:

P/N	Description	Qty.
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NONE

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

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ADDITIONAL INFORMATION:

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Situation:

The latest Agilent 86100/83480-Series Plug-in Module Service Guide (P/N 86100-90090) documents the ER adjustment procedure; however, the actual calibration factors may have changed since the guide was published. This IOSM contains the latest ER calibration factor values.

Solution/Action:

Use the ER Calibration Factors from the following table whenever entering values into the module memory. Refer to the Agilent 86100/83480-Series Plug-in Modules Service Guide, part number 86100-90090, for more information.

Data Rate Mb/s	Agilent O/E Part Number (A4)	Agilent Filter Part Number (FL1 - FL4)	RLC Filter Part Number (FL1 - FL4)	ER Calibration Factor in Percent Option 100 and 300	ER Calibration Factor in Percent Option 200
155		0955-1718	L-2916	0.5	N/A
622		0955-1717	L-2917	0.8	N/A
1063		0955-1710	L-2890	2.5	N/A
1250		0955-1709	L-2891	1.3	N/A
2125		0955-1715	L-2892	2.5	N/A
2488/2500		0955-1714	L-2893	2.0	N/A
2666		0955-1713	L-2912	2.0	N/A
3125		0955-1711	L-2894	3.3	N/A
4250		0955-1708	L-2895A	4.0	N/A
9953	86105-60021			4.0	1.5
10313	86105-60021			4.0	1.5
10519	86105-60021			4.0	1.5
10664	86105-60021			4.0	1.5
10709	86105-60021			4.0	1.5
11096	86105-60021			4.0	1.5
11317	86105-60021			4.0	1.5

Table 1 – Extinction Ratio (ER) Calibration Factors for 86105C

End.