

# Siam Fiber Optics Co.,Ltd.

## ตารางที่ 4.11 ค่าการทดสอบ Attenuation สำหรับ Bare Fiber

Order No. : Micro cable test Rev.00

Customer: SFO R&D\_NRRU

การทดลองครั้งที่ : 3

Drum No.: 24F-001

Type: Micro cable 24F (LT 1.7/1.2 mm.)

Date: 28/1/2563

Tested By:

Approved By:

Production No.: -

Equipment : PK 8000

Total Time 800 Meter per minute.

Length of Cable : 25,200 Meter

### Start side

| No. | Fiber ID.     | Fiber Colour | Attenuation Coefficient Specification (dB/km.) |          |          |          |          | Result |      | Remark |
|-----|---------------|--------------|--|----------|----------|----------|----------|--------|------|--------|
|     |               |              | 1310 nm.                                       | 1383 nm. | 1490 nm. | 1550 nm. | 1625 nm. | Good   | Fail |        |
|     |               |              | ≤ 0.35   | ≤ 0.35   | ≤ 0.24   | ≤ 0.21   | ≤ 0.23   |        |      |        |
| 1   | FDEC67DFD12/A | BL           | 0.329  | 0.302    | 0.212    | 0.194    | 0.199    | /      | -    |        |
| 2   | FDECD84DB2E/A | OR           | 0.329  | 0.305    | 0.212    | 0.197    | 0.203    | /      | -    |        |
| 3   | FDECG4AR549/A | GR           | 0.327  | 0.308    | 0.212    | 0.193    | 0.203    | /      | -    |        |
| 4   | FDF2876Q283/A | BR           | 0.327  | 0.307    | 0.211    | 0.193    | 0.201    | /      | -    |        |
| 5   | FDF28G3QC60/A | SL           | 0.329  | 0.307    | 0.213    | 0.194    | 0.204    | /      | -    |        |
| 6   | FDF2ECAJA2B/A | WH           | 0.329  | 0.305    | 0.211    | 0.194    | 0.206    | /      | -    |        |
| 7   | FDF2GC5Q430/A | RD           | 0.328  | 0.306    | 0.212    | 0.193    | 0.202    | /      | -    |        |
| 8   | FDF2H7DR21E/A | BK           | 0.324  | 0.297    | 0.212    | 0.193    | 0.204    | /      | -    |        |
| 9   | FDF2HE9R991/A | YL           | 0.325  | 0.298    | 0.212    | 0.191    | 0.201    | /      | -    |        |
| 10  | FDF2I1FS692/A | VI           | 0.331  | 0.299    | 0.213    | 0.195    | 0.205    | /      | -    |        |
| 11  | FDF32CHQD69/A | PK           | 0.325  | 0.303    | 0.210    | 0.195    | 0.203    | /      | -    |        |
| 12  | FDF34J4HB5C/A | AQ           | 0.325  | 0.300    | 0.210    | 0.193    | 0.205    | /      | -    |        |