

AQ4315A (covers C + L bands)

Spectrum



Specifications

Optical spectrum density ^{1, 2)}	-13 dBm/nm (typ.) (1530 to 1605 nm) -20 dBm/nm or more (1530 to 1610 nm)
Optical output ^{1, 2)}	+13 dBm or more
Time stability	Within 0.01 dBp-p ^{1, 3)} Within 0.02 dBp-p ^{1, 4)}
Optical output connector ⁵⁾	AQ9441 (FC) Universal Adapter
Applicable optical fiber	SM (Complies with ITU-T G. 652)
Power requirements	AC100 to 120 V (±10%), AC200 to 240 V (±10%), 50/60 Hz, approx. 80 VA
Laser product safety standard ⁶⁾	IEC60825-1 class 3A 21CFR1040. 10 class IIIb
Environmental conditions	Operating temperature: 0 to 40 °C, storage temperature: 0 to 50 °C, humidity: 85 % RH or less (no condensation) Overvoltage category: II, contamination level: 2, maximum altitude: 2000m
Dimensions and mass	Approx. 212 (W) x 88 (H) x 350 (D) mm, approx. 4 kg
Accessories	Power cord (with 3/2 converter plug), instruction manual, AQ9441 (FC) Universal Adapter

* Specifications assured after warm-up for one hour.

Notes

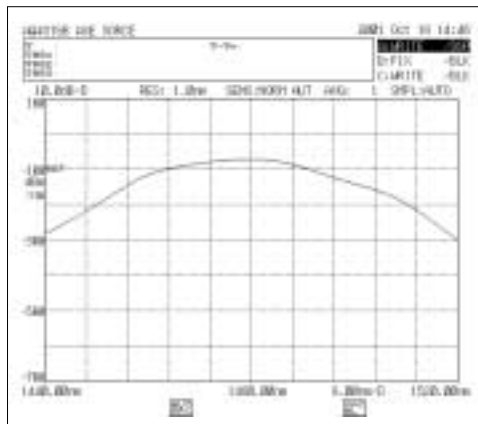
- 1) At fiber end (SMF, FC/PC, 2 m)
- 2) At 25 °C
- 3) 15 minutes (at constant temperature between 20 and 30 °C)
- 4) One hour (±1 °C in range of 0 to 40 °C)
- 5) For SC, ST or DIN optical connector, please consult your vendor or our sales offices. (option)

6) Laser product safety standard label



AQ4315B (covers S band)

Spectrum



Specifications

Optical spectrum density ^{1, 2)}	-25 dBm/nm or more (1450 to 1510 nm)
Optical output ^{1, 2)}	+6 dBm or more
Time stability	Within 0.01 dBp-p ^{1, 3)} Within 0.02 dBp-p ^{1, 4)}
Optical output connector ⁵⁾	AQ9441 (FC) Universal Adapter
Applicable optical fiber	SM (Complies with ITU-T G. 652)
Power requirements	AC100 to 120 V (±10%), AC200 to 240 V (±10%), 50/60 Hz, approx. 80 VA
Laser product safety standard ⁶⁾	IEC60825-1 class 3A 21CFR1040. 10 class IIIb
Environmental conditions	Operating temperature: 0 to 40 °C, storage temperature: 0 to 50 °C, humidity: 85 % RH or less (no condensation) Overvoltage category: II, contamination level: 2, maximum altitude: 2000m
Dimensions and mass	Approx. 212 (W) x 88 (H) x 400 (D) mm, approx. 4 kg
Accessories	Power cord (with 3/2 converter plug), instruction manual, AQ9441 (FC) Universal Adapter

* Specifications assured after warm-up for one hour.

Notes

- 1) At fiber end (SMF, FC/PC, 2 m)
- 2) At 25 °C
- 3) 15 minutes (at constant temperature between 20 and 30 °C)
- 4) One hour (±1 °C in range of 0 to 35 °C)
- 5) For SC, ST or DIN optical connector, please consult your vendor or our sales offices. (option)

6) Laser product safety standard label

