

255MT | 1300 nm MT-RJ LED Fiber Source

APPLICATIONS:

Subhead Text

The first sentence of the applications copy introduces the product's single most important benefit.

The following sentences establish the tone and voice, which is consistent with corporate brand communications. Scriptor abhinc aquos centum qui decidit, inter perfectos en veteresque referri debet n inter vilis atque novos. Excludat iurgia finis, vetus atque probus, centum qui perficit annos. Quid, qui deperit minor uno mense vel anno, inter quos referendus erites. Veteresne poetas, an quos et aesens et postera respuat aetas. Iste quidem veteres inter ponetur honeste, qui vel mense brevi vel toto est iunior anno. Utor permissio, caudaeque pilos ut equinae paulatim vello unum, demo etiam unum. Sum cadat elusus ratione ruentis acervi, qui redit in fastos et virtutem aestimat anis miraturque nihil si quod ibitina sacravit.

Ennius et sapines et fortis o alter omerus, ut critici dicunt, leviter curare videtur quo promisa cadant et somnia agorea. Naeivius in manibus non et mentibus haeret paene recens. Adeo sanctum est vetus omne poema. ambigitur quotiens, uter utro sit prior, aufert Pacuvius docti famam senis Accius alti, dicitur frani toga convenisse.



FEATURES:

- 1300 nm wavelength
- Stable calibrated output
- Proven, reliable and compact design
- Easy to use — two buttons control all essential functions
- Continuous wave and modulated output modes
- Fixed MT-RJ interface
- Long battery life — more than 24 hours of continuous operation
- User-selectable auto-shutoff
- AC power converter and adapter available for prolonged or bench top use
- Rugged and splash proof

KEY SPECIFICATIONS:

Nominal wavelength	1300 nm
Wavelength range	1270 to 1345 nm
Max. spectral width	150 nm
Stability, 1 hour	±0.05 dB
Power output into:	
62.5/125 μ m GI MM	-20 dBm [†]
50/125 μ m GI MM	-21 dBm
Power output uncertainty	±0.5 dB

255MT 1300 nm MT-RJ LED Fiber Source

SPECIFICATIONS*

Center wavelength:	
Nominal	1300 nm
Range (typical)	1270 nm to 1345 nm
Max. spectral width (FWHM)	150 nm
Stability, 1 hour	±0.05 dB
Power output into:	
100/140 µm GI MM	-20 dBm
62.5/125 µm GI MM	-20 dBm†
50/125 µm GI MM	-21 dBm
9/125 SM	-38 dBm
Power output uncertainty	±0.5 dB
Modulation frequencies	270 Hz, 1 kHz, and 2 kHz ±0.5%
Power requirements	Two AA-size 1.5 V batteries
Connector interface	Fixed MT-RJ interface
Environmental:	
Operating temp.	-15° C to +55° C
Storage temp.	-35° C to +70° C
Humidity	0 to 95% RH, non-condensing
Dimensions	7.2 x 14.2 x 3.5 cm (2.8 x 5.6 x 1.4 in)
Weight	215 g (7.6 oz)
CE	EN61010; EN50081-1: 1992; EN55011, Group 1, Class A; EN50082-1: 1992; IEC 801-2, -3, -4

* Within specified ambient environment of +20° C to +25° C.

† Calibrated launch level, Equilibrium Modal Distribution (EMD).

DESCRIPTION	PART NO.
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1300 nm LED source	255MT
AC power converter	90AC

Other MT-RJ Products and Accessories

850 nm LED source	257MT
MT-RJ optical power meter with 3 mm Germanium detector	556MT
MT-RJ visual fault finder	263MT
MT-RJ reference cable	79-MTRJ-106
MT-RJ bulkhead mating adapter	45-MTRJ-BH
Carrying case	911B
All-In-One connector cleaning system	945

MT-RJ Duplex Connector Test Kit, Contains: 255MT, 556MT and accessories	60556MT
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MT-RJ Duplex Connector Test Kit, Contains: 255MT, 257MT, 556MT and accessories	60552MT
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