

The OHB660MC is a GaAlAs LED mounted in a T0-18 type header with clear epoxy encapsulation, is ideal for use with plastic fiber optic cables, as light loss is minimal at a wavelength of 660nm.

FEATURES

- Wide beam angle
- High – speed response
- Low profile package

APPLICATIONS

- Fiber optic communications

ELECTRO-OPTICAL CHARACTERISTICS

(Ta=25℃)

Item	Symbol	Cond.	Min.	Typ.	Max.	Unit
Forward voltage	VF	IF=20mA		1.9	2.4	V
Reverse current	IR	VR=5v			10	μA
Radiant intensity	Po	IF=20mA		3.5		mW/sr
Peak emission wavelength	λp	IF=20mA		660		nm
Spectral bandwidth 50%	Δ λ	IF=20mA		50		nm
Half angle	Δ Θ			± 30		deg.

MAXIMUM RATINGS

(Ta=25℃)

Item	Symbol	Rating	Unit
Reverse voltage	VR	5	V
Forward current	IF	50	mA
Pulse forward current	IFP	0.5	A
Power dissipation	Pd	120	mW
Operating temp.	Topr	-25~+80	℃
Storage temp.	Tstg	-30~+100	℃
Soldering temp. ⁽¹⁾	Tsol	260	℃

(1)For MAX.5seconds at the position of 2mm from the package

