

Notes

Mount

Lens Mount	Description	Fits
EF	Standard EOS mount	All EOS cameras including those with EF-S mounts
EF-S	Short back-focus EOS mount	Digital EOS SLR's with 1.6 crop factor & EF-S Mount - currently 300D/D-Rebel & 20D only

L / DO

Designation	Description	Notes
L	"L" Class lens	"Luxury" or Professional Lens. Contain Flourite &/or Ultra-Low Dispersion Glass Lenses
DO	Diffraction Optics	New optical technology that allows shorter and lighter telephoto lenses

Autofocus Motor

Designation	Description	Notes
AFD	Arc Form Drive	Original EF Lens motor - compact but slower and noisier than USM lenses
MM	Micro-Motor	Compact cheap motor typically fitted to "consumer" lenses
USM	UltraSonic Motor	Ring-type USM lens - the fastest quietest AF motor with benefit of Full-Time Manual focus (see below)
Micro-USM	Micro-USM Motor	Cheaper form of USM (using micro-motor rather than USM Ring) Still quiet but not as fast and does not generally provide FTM. Mark II version of Micro-USM introduced in 2003

Manual Focus

Designation	Description	Notes
AF	Auto Focus only	A small number of early EF lenses do not have any manual focus capability
DIS	Manual Focus is disengaged in AF-mode	When AF is selected on the lens switch then the manual focusing ring spins freely without effect. To use Manual Focus must move switch to "MF" or "M" position
EM	Electronic Manual Focus	The manual focus ring is active at all times - even during Autofocus; allows manual fine tuning of focus without switching to MF mode. Works very well for users who use CF-4 to transfer AF to the *-button. When the focus ring is turned this is sensed and transferred electronically to the focus motors in the lens.
FTM	Full-Time Manual	The manual focus ring is active at all times - even during Autofocus; allows manual fine tuning of focus without switching to MF mode. Works very well for users who use CF-4 to transfer AF to the *-button.
LOCK	Manual focus locked in AF-mode	In AF-mode the manual focus ring cannot be turned (and damage may result if attempted). To use Manual Focus must move switch to "MF" or "M" position
MF	Manual Focus only	No AF capability. Manual Focus always available.

Lens Hoods

Lens hoods have designation in form such as EW-83B/2 or ET-60 II where:

EW =	EF Wideangle lens
ES =	EF Standard lens
ET =	EF Telephoto lens

Number (e.g. 83 or 60) is lens hood mount diameter

Variant (e.g. B) is the variety (not always present) - this is important an 83E Hood will either not fit or not work correctly with a lens designated 83F

Mark (e.g. /2 or II) is the release version (not always present) - differences are minor (e.g. improved flocking) and do not affect which hood works with which lens (note: in this table I have omitted "/2" or "II" type suffixes)

Occasionally a different hood will fit and is more appropriate when using a lens on a 1.6 crop DSLR - e.g the EW-83D is more effective and more convenient than the EW-83E Hood provided with the 17-40f4 L lens when using that lens on a D30 / D60 / 10D / 20D or 300D/D-Rebel

Note: just because hood has the same diameter mount as a lens's standard hood does not necessarily mean it will physically fit!

Filter

<i>nn</i>	Screw in front mounted filter of <i>nn</i> mm diameter
(di)	Drop-in filter. Used in fast telephoto lenses that have very large front elements that make front mounted filters impracticable

Filter Rotation

NR	Filter does not rotate during focussing
Rot	Filter rotates during focussing

Image Stabilisation

Designation	Hand-Held Stops Gain
2-	2-stops benefit
3-	3 stops benefit
4-	4 stops benefit
M1	Mode 1: Normal use
M2	Mode 2: Use when panning
MAP	Automatically detects and adjusts for panning
TD	Detects use of tripod and auto adjusts IS operation

Focus Type

I/R	Internal or rear lens group moves	Lens does not extend during focusing
Linear Ext	Linear Extension	Lens extends during focusing

Tripod Mount

TMR-A	Tripod Mount Ring A	Comes in black and white versions
TMR-B	Tripod Mount Ring B	Black version only
TMR-B + Ad	Tripod Mount Ring B + Adapter	Adapter enables use on 100mm f2.8 Macro lens

Distance Scale

Y	Distance Scale provided	
MS	Magnification Scale	Provided on macro lenses to show image magnification factor
TS	Tilt / Shift	Tilt / Shift markings

E-TTL II Distance

Y	Distance Information is provided	The E-TTL II system uses the subject distance (if available from the lens) to improve flash exposure
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Note: This data is provisional as it is unclear for some lenses as to whether they support this or not

Macro

"Macro" here means true macro not simply a lens that will close focus.

Purists might say it has to go to life-size (i.e. 1:1) to be a "macro" lens but we accept the 50mm f2.5 Compact Macro as a true macro lens even though it only goes to 1:2 (unless you use the life-size converter) because it is optimised for close working / macro use.