

Radio control electric power connectors



HXT2 HXT3.5 HXT4 HXT6 HXT8



XT30 XT60 XT90 XT150



I now use this variant of the XT60. It has a clip-on shroud. Combined with heatshrink over the joint it makes fatigue failure much less likely. I got mine from banggood.com.



EC2 EC3 EC5



JST/Molex



Bullet 2 3.5 4 5 6 6.5 8



JST-XH (3 4 5 6 7 pin)



Deans



MT60

Current ratings

Please note these are a guide only. How much current the connection will carry depends on the cable size and, to a lesser extent, how much ventilation there is.

	Current (A)
HXT2	30
HXT3.5	75
HXT4	90
HXT6	150
HXT8	250
XT30	30
XT60	60
XT90	90
XT150	150
EC2	20
EC3	50
EC5	80
JST	5 for indoor and light outdoor models
Bullet 2	30
Bullet 3.5	50
Bullet 4	60
Bullet 5	80
Bullet 6	150
Bullet 6.5	200
Bullet 8	250
JST-XH	Low current for balancing, telemetry and indoor flying
Deans micro	10
Deans ultra	50
MT60	50 handy for ESC to motor leads

My preferences

I like EC connectors. You solder the connectors to the wire then push them into the housing when still warm. They lock into place. However I mostly use XT60 as they are the usual lipo battery fitting.

For heavy currents I like bullets, either insulated with heat shrink or inserted into HXT housings.

Peter Scott © 2016

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