



## Technical Specifications

TXM's six conductors RET control cables are used to feed data and power from the controller to the remote electrical tilt (RET) system components to support different RET system configurations. These RET control cables are compliant to AISG and RoHS standards.

These cables are offered in all lengths from 1 meter thru 200 meters per customer's requirements, with AISG male/female connectors installed.



## Electrical Specifications

Continuous current DC	3.5A
Max Voltage	300V

\*\* RET control cables need to be grounded every 60 meters.

## Mechanical and Environmental Specifications

Temperature range	-40° C to +65° C
Humidity	Up to 100%
IP rating	IP67 mated and unmated
Length	Offered in a variety of lengths/ can be connected in series to meet customer lengths

## Cable Construction and Connectors

Cable spec	2 x 0.25mm <sup>2</sup> (24 AWG) twisted pair (data) 4 x 0.75mm <sup>2</sup> (20 AWG) stranded (power) Center Conductor: 0.16MM x 19 Bare Copper Stranding Wire Dielectric: 1.45MM P.E. x 2C (Brown & White) Center Conductor: 0.15MM x 41 Tinned Copper Stranding Wire Dielectric: 1.90MM P.E. x 4C (Red, Black, Green and Blue) Jacket: 8.20MM PVC (Black)
Connectors	AISG 8-pin socket screw lock, IP67 male and female DIN
Overall Shielding	Helically wrapped PET-Foil + Longitudinally AL/P-Foil + 0.12mm x 8 x 24 (192) Tinned Copper Wire Braid (coverage rate around 85%)