

AXD 3 X 1.5mm

Specification	Details	Source
Conductor	Stranded plain annealed copper, Class 5	
Cores	3 (typically Brown, Blue, Green/Yellow)	
Nominal Cross Section	1.5 mm ² per core	
Insulation Material	PVC compound, Type TI 2	
Outer Sheath Material	PVC compound, Type TM 2	
Rated Voltage (Uo/U)	300/500 V	
Test Voltage	2000 V (AC)	
Max. Conductor Temp.	+70°C (under normal conditions)	
Ambient Temp. Range	Flexing: -5°C to +70°C; Fixed: -40°C to +70°C	
Max. Current Capacity	16 Amps (at 30°C in air)	
Conductor Resistance	Max 13.3 Ω/km at 20°C	
Approx. Overall Diameter	8.1 mm to 8.3 mm	

Vixen AXD2 Equatorial Mount Datasheet

For astronomical use, the "AXD" name is synonymous with the Vixen AXD2 mount.

Specification	Details	Source
Mount Type	German Equatorial Mount with GoTo	
Maximum Payload Capacity	30 kg (66 lb) (for astrophotography)	
Motors	Micro-step stepping motors (400 PPS)	
Tracking Accuracy	Factory-corrected VPEC to +/- 2.8 arc seconds	
Worm Wheel Teeth	RA: 270 teeth; DEC: 216 teeth	
Axis Material	A7075 Super Aluminum Alloy (50mm diameter)	
Power Source	DC12V (0.6A to 2.5A consumption)	
Hand Controller	STAR BOOK TEN (with over 270,000 objects)	
Weight	25 kg (without counterweights)	