

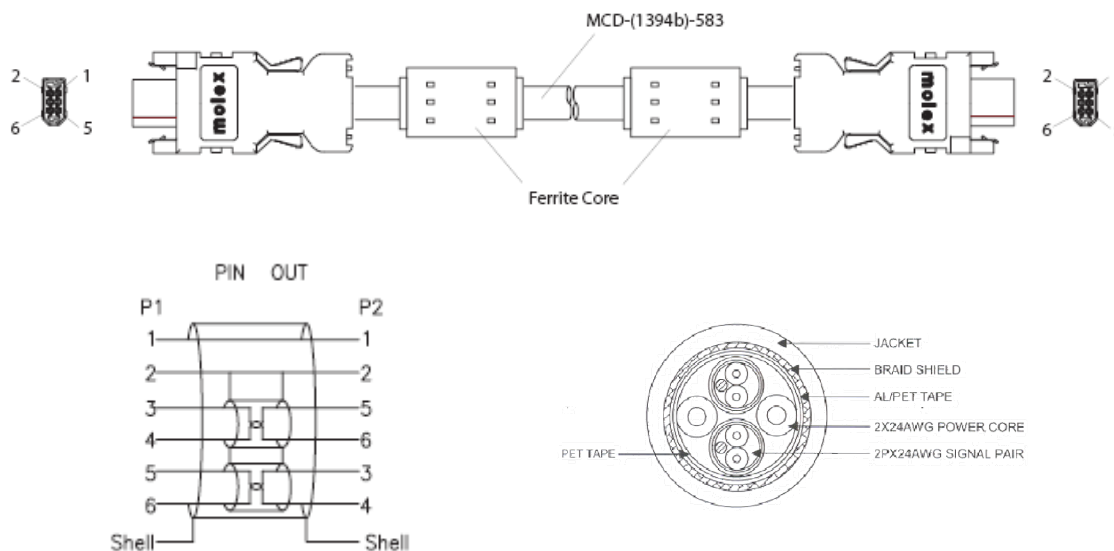
**Alysium** 1394**1394a long distance cable****Your long distance cable for your AVT IEEE 1394a camera**

Alysium's high-quality cable assembled with MOLEX latch connectors is ideal for the demanding long distance connection of AVT's IEEE 1394a cameras to any IEEE 1394a port in a PC. Due to extremely good performance characteristics, the very robust yet flexible cable comes in the exceptional lengths of 10.0 m, 12.5 m and 17.5 m, by far exceeding the usual limit of 4.5 m. The MOLEX latch connector ensures trouble-free connections even under moving or vibrating conditions.

**Highlights**

- Compliant with IEEE 1394a
- Molex latch connectors
- Low damping AWG 24 construction
- Double shielding with ferrite coils to ensure FCC class b
- UL 20276 certified and RoHS compliant
- Pb free PVC jacket
- Compatible with AVT's IEEE 1394a cameras

## Technical Specifications



| Feature             | Description  |
|---------------------|--|
| Jacket              | Pb free PVC; 0.6 mm thick, 7.1 mm Ø; UL 20276 cert. (@ 80°C, 30 V) |
| Outer braid shield  | Tinned annealed Cu, min. 85% coverage                              |
| Outer shield        | AL-PET tape  |
| Cable assembly      | 2 pairs of (A) plus 2 x (B)  |
| Binder tape         | PET tape   |
| Inner shield        | AL-PET   |
| Drain wire A        | Tinned annealed Cu; 7x 0.203 (AWG24); 0.61 mm Ø                    |
| Insulation A        | FM-PE; 0.5 mm thick; 1.6 mm Ø                                      |
| Conductor A (Data)  | Tinned annealed Cu; 7x 0.203 (AWG24); 0.61 mm Ø                    |
| Conductor B (Power) | Tinned annealed Cu; 7x 0.203 (AWG24); 0.61 mm Ø                    |
| Insulation B        | HR-LF-PVC; 0.15 mm thick; 0.91 mm Ø                                |
| Max. DC resistance  | 88 Ohm/km at 20°C  |
| Char. impedance     | 110 Ohm +/-6   |
| Attenuation         | 400 MHz: <= 0.4 dB/m   |
| Time delay          | Max. 5.05 ns/m   |
| Skew delay          | Max. 50 ps/m between pairs   |

Ordering numbers:

|                           |   |          |
|---------------------------|---|----------|
| Cable 17.5m 6-pin – 6-pin | IEEE 1394a; 2x Molex latch, 17.5 m, black, 2x ferrite | K1200162 |
| Cable 12.5m 6-pin – 6-pin | IEEE 1394a; 2x Molex latch, 12.5 m, black, 2x ferrite | K1200165 |
| Cable 10.0m 6-pin – 6-pin | IEEE 1394a; 2x Molex latch, 10.0 m, black, 2x ferrite | K1200163 |