

point2point

**PARALLEL DIGITAL CONTROL & ACQUISITION
FIBRE-OPTIC-LINK**



SPECIFICATIONS System Electrical Performance (at 25°C unless otherwise noted)

| | Standard | Optional |
|---------------------------------|--|--|
| Number of Channels/Width of Bus | 8 digital | consult PPM for additional channels |
| Transmission Type | Asynchronous, Sampled | |
| Sample Rate | 10MHz internally generated | consult PPM for higher data rates |
| Transmitter Input Thresholds | 5V TTL | 0-12V, 0-24V, 0-48V |
| Receiver Output Levels | 5V TTL | Current Switching (Open Drain Output) |
| Receiver Fanout | 10 LSTTL | TTL output option only |
| Receiver Maximum Output Current | n/a | -500mA (open drain output option only) |
| Receiver Maximum O/C Voltage | n/a | 30V (open drain output option only) |
| Receiver Rise / Fall Times | <20ns | |
| Latency | 640ns max. | |
| Operating Temperature | -10°C to +40°C | |
| Optical Path Length | 1m to 200m | 200m to >1km |
| Electrical Signal Connector | Lemo | |
| Optical Signal Connector | Super Polish FC/PC Singlemode | |
| Supply Voltage | Refer to housing option | |
| Current Consumption | <500mA | |
| Housing Options | Shielded Remote Module, Plug-In Module. Using a Converter Sleeve 75002 the Plug-In module can be supplied as a single Remote Module | |
| Plug-In Case Suitability | PRK3 | |