

point2point

DC-1MHz ANALOGUE FIBRE-OPTIC-LINK



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

	Standard	Optional
Bandwidth (-3dB)	DC to >1MHz	Alternative bandwidths are available - please contact PPM
Risetime	<500ns	
Instantaneous Dynamic Range	>47dB	
Output Noise	<3mV _{rms} for +/-1V System	
Transmitter Input Impedance	1MΩ 25pF	
Receiver Output Impedance	50Ω	
Transmitter Input Voltage Range	±1V	±10V , ±20V consult factory for ±50V & ±100V
Receiver Output Voltage Range	±1V into 1MW load	±10V
Output DC Drift	Better than 1mV/°C for +/-1V Receiver	
Output DC Offset	Better than 1% of full scale deflection after 20 minutes warm-up	
Operating Temperature	-10°C to +40°C	
Optical Path Length	1m to 200m	200m to >1km
Electrical Signal Connector	Shielded Satellite – TNC Satellite, Rack Mount - BNC	
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	