

## FOR

## FIBER OPTIC REPEATERS

The FOR is a small unit which receives and re-transmits data carried on glass or plastic fiber optic cables, to provide for increased transmission distances. Five model variations allow for single or bi-directional repeating in all-plastic cable systems, as well as offering transition between plastic and glass cables. The models available are:

Model	No. of Channels	Cable Types	
		Receive	Transmit
FOR-1PP	1	Plastic	Plastic
FOR-1PG	1	Plastic	Glass
FOR-1GP	1	Glass	Plastic
FOR-2PP	2	Plastic	Plastic
		Plastic	Plastic
FOR-2PG	2	Plastic	Glass
		Glass	Plastic

## SPECIFICATIONS

Fiber optic ports	receptacles for H-P HFBR-3500 plastic fiber optic cables and/or glass fiber optic cables with ST connectors (receptacles for SMA connectors to special order)
Cable lengths	plastic: 40 meters maximum glass: 3500 meters maximum
Baud rates	0 to 1.2 megabaud
Indicators	LED on each channel flashes when data is received
Power requirements	9 to 20 volts DC at 200mA OR 10 to 14 volts AC at 400mA RMS
Power connector	2-way detachable screw terminal block, accessible when cover is removed
Dimensions	73 x 66 x 20 mm
Mounting provisions	two screw holes accessible when cover is removed