

# Appendix H

## Remote I/O Network Specifications

Specification	Using Coaxial Cable	Using Fiber-Optic Cable
Topology	Bus	Active Star
Cable Options	RG-59U (Belden 9259)	62.5 micron (Belden 225362)
Maximum Cable Length	RG-59U: 3000 ft (1000 m)	6,000 ft (2000 m)*
Organization	Master-Slave	
Max. No. of Slave Drops	7	
Data Encoding Technique	Manchester II Biphase	
Data Link Frame Format	SDLC	
Max. Communication Time	2.99 msec per drop	
Baud Rate	1.75 M baud	
Bit Rate	875 Kbits/sec	

\*Measured from Stand-Alone Transceiver to Stand-Alone Transceiver through the hub.