

PORTLAND PUBLIC SCHOOLS
TECHNICAL DESIGN AND CONSTRUCTION STANDARDS

PPS Division 27: Communications Standards

TYPICAL FIBER LOSS VALUES

<u>Item</u>	<u>Loss</u>
Mated connector pair	0.75 dB
Splice	0.3 dB
Multimode fiber	3.5 dB per km @ 850 nm 1.5 dB per km @ 1300 nm
Singlemode fiber (OS2)	1.0 dB per km @ 1310 nm 1.0 dB per km @ 1550 nm
Outside plant (TIA Only)	0.5 dB per km @ 1310 nm 0.5 dB per km @ 1550 nm