MAX DISTANCE
SM FOC = 9840 FT

MAX DISTANCE
UTP (CAT.6) = 328 FT

TIA/EIA MAIN CROSSES-CONNECT (MC)

TIA/EIA INTERMEDIATE CROSSES-CONNECT (MC)

TIA/EIA WORK AREA DEVICE

COMMUNICATIONS EQUIPMENT ROOM (CER)

AC or CIC

CALTRAIN SINGLE-MODE FIBER OPTIC CABLE (FOC)
RING TOPOLOGY OR CIC SINGLE-MODE FOR STAR TOPOLOGY

FIBER OPTIC CABLE (FOC) OR COPPER (UTP) CABLE STAR TOPOLOGY

WA

MAX 200 FEET HORIZONTAL CABLE LENGTH FROM DC TERMINATION TO WA TERMINATION
MAX 10 FEET CABLE LENGTH AT WA
MAX 23 FEET CROSSES-CONNECT AND PATCH CABLE AT DC
300 FEET MAXIMUM CABLE DISTANCE

NOTES:
1. REFER TO ANSI/TIA/EIA 568B.3 COMMERCIAL BUILDING TELECOMMUNICATIONS CABLES STANDARD
2. WA (WORK AREA) CAN BE ANY NETWORK DEVICE SUCH AS: VDSL, DSL, COM, OR DATA OUTLETS
3. EACH UTP CABLE SHALL BE PROTECTED AT THE TERMINATION OF THE DC OR CER BY USE OF APPROPRIATE SURGE / LIGHTNING PROTECTION