

MT. SAN ANTONIO COLLEGE SITE TELECOMMUNICATION CABLING SPECIFICATIONS

COMMUNICATIONS BACKBONE CABLING SPECIFICATIONS

The College telecommunications infrastructure shall be installed by a certified telecommunications low voltage contractor with material and labor covered under extended warranties for compliance with the Mt. San Antonio College standards. A minimum 25-year warranty from an approved manufacturer is required. The College has a Corning Fiber Cable standard for outside plant (OSP) and indoor fiber optic cable applications. The College uses Superior Essex outside plant (OSP) Copper Cable or equivalent for voice communication.

FIBER CABLING SPECIFICATION

FIBER OPTICAL CABLING STANDARD - CORNING ALTOS OUTDOOR RATED

Product No.	Product Description
0XXEU4-T4701D20	Corning ALTOS Loose Tube, Gel-Free, All Dielectric Cable with FastAccess Technology XX F Single-mode (OS2) (XX = Fiber Count – 6, 12, 24, 36,48, 60, 72, 84, 96, 108, 144, 156, 192, 216, 228, 240 and 288)

FIBER OPTICAL CABLING STANDARD - CORNING FREEDM INDOOR/OUTDOOR RATED

Product No.	Product Description
0XXEWP-T4101D20	Corning FREEDM Loose Tube, Gel-Free, All Dielectric Cable XX F Single-mode (OS2) (XX = Fiber Count – 6, 24, 36,48, 60 and 72)

FIBER OPTIC ENCLOSURES AND CASSETTES

Product No.	Product Description
CCH-04U	Corning LanScape Rack Mount Enclosure - Up to (12) Twelve CCH Cassettes/Panels
CCH-CS12-59-POORE	Corning CCH Pigtail Splice Cassette - 12 F SC UPC Duplex, Single-mode (OS2)

COPPER RISER CABLING

OUTSIDE PLANT (OSP) RISER COPPER CABLE

Product No.	Product Description
09-97-02	Superior Essex SEALPIC-FSF RDUP PE-89 Outside Plant (OSP) Copper Cable 25-Pair