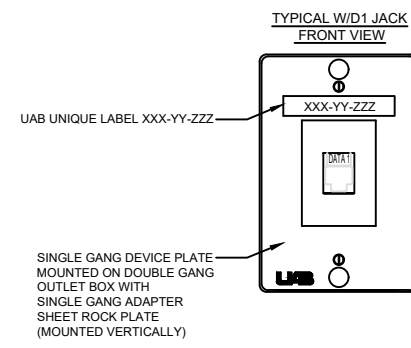


UAB WALL TELEPHONE STATION CABLE SPECIFICATIONS (CAT6A)

MODULAR JACKS FOR VOICEWALL OUTLET

WD1 INDICATES: WALL OUTLET FOR WALL MOUNTED TELEPHONE STATION. 8 PIN STAINLESS STEEL ASSEMBLY WITH LUGS FOR TELEPHONE INSTRUMENT MOUNTING EQUAL TO: SIEMON COMPANY #MX-WP-K6-SS PLUS #ZBA-K07 MODULE

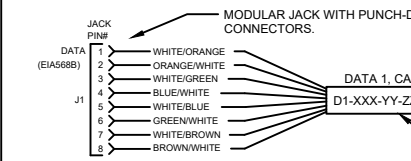
NOTE: WD1 JACK KITS SHALL BE PROVIDED AND INSTALLED BY UAB COMMUNICATIONS CONTRACTOR.



CABLE FOR W/D1 OUTLETS

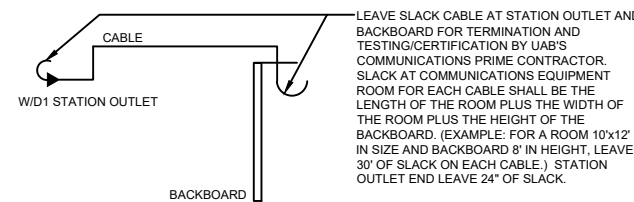
- THE FOLLOWING CABLES ARE UAB APPROVED FOR ALL VOICEWALL STATIONS:
NON-PLENUM AREAS:
DATA(1): HITACHI 4 PAIR CAT6A PT. #30304-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #1108549
CABLE COLOR GREEN
PLENUM AREAS:
DATA(1): HITACHI 4 PAIR CAT6A PT. #30303-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #11083158
CABLE COLOR GREEN
- THE CONTRACTOR SHALL IDENTIFY AND STENCIL ALL STATION CABLES AS FOLLOWS:
ALL STATION CABLES SHALL BE DESIGNATED WITH THE TYPE AND UNIQUE JACK NUMBER (SEE BELOW) NEATLY WITH A PERMANENT MARKER OR WITH A 3M SCOTCHCODE IDENTIFICATION SYSTEM INDICATING LETTERS AND NUMBERS.
ZZZ = UNIQUE JACK #
- PROVIDE ONE (1) 4 PAIR DATA FROM EACH OUTLET TO THE DESIGNATED COMMUNICATION BACKBOARD. CABLE SHALL BE 23 A.W.G. AND BE COLOR CODED AS FOLLOWS:
A. VOICEWALL STATIONS:
(1) 4 PAIR DATA: 001-DW

TYPICAL W/D1 STATION CABLING



D1 JACKS SHALL BE USED FOR WALL MOUNTED TELEPHONE STATIONS, TIME CLOCKS, & CAMERAS ONLY UNLESS OTHERWISE APPROVED BY TELECOMMUNICATIONS MANAGER.

TYPICAL OUTLET CABLING
SEE PLANS FOR CONDUIT LAYOUT



MARK CABLE NEATLY AT BACKBOARD END WITH PERMANENT MARKER FOR STATION IDENTIFICATION, D= DATA STATION CABLE, XXX = BLDG. NUMBER, YY = FLOOR NUMBER, AND ZZZ = UNIQUE JACK NUMBER
NOTE: EACH STATION WILL HAVE A UNIQUE NUMBER, 001, 002, 003 ETC.

- NOTES:
- CONDUIT SIZING SHALL BE AS FOLLOWS: 1 OUTLET-1" C, 2 OUTLETS-1 1/4" C, 3 OUTLETS-2" C, 3 OUTLETS IS THE MAXIMUM FOR ANY HOMERUN UNLESS OTHERWISE APPROVED BY UAB TELECOM.
 - CONTRACTOR SHALL TEST ALL CABLES TO ENSURE END-TO-END CONTINUITY OF ALL CONDUCTORS IN EACH CABLE. THE JACKS SHALL BE FURNISHED, INSTALLED AND TERMINATED BY UAB TELECOMMUNICATIONS CONTRACTOR. AFTER TERMINATION, UAB TELECOMMUNICATIONS SHALL TEST FOR CONDUCTOR OPENS, TIP AND RING REVERSAL AND SHORTS, GROUNDS AND CABLE TRANSPORTATION CONTRACTOR, AT NO ADDITIONAL COST. SHALL REPLACE ANY CABLES THAT FAIL TO MEET PUBLISHED PERFORMANCE CRITERIA.
 - THE CONTRACTOR SHALL CONTACT UAB TELECOMMUNICATIONS SERVICES OUTSIDE PLANT/ENGINEERING OPERATIONS DEPARTMENT, TEL. NO. (205) 975-5379 FOR ASSISTANCE IN VERIFYING EXISTING CABLE FACILITIES IN THE PROJECT AREA AND IN THE NEW SYSTEM INSTALLATION PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL ALSO CONTACT UAB TELECOMMUNICATIONS 45 DAYS PRIOR TO TOTAL COMPLETION OF THE PROJECT TO INDICATE THEIR COMPLETION DATE FOR ALL STATION DROPS.
 - THE CONTRACTOR SHALL INFORM THE USERS TO CONTACT THE UAB TELECOMMUNICATIONS APPLICATIONS DEPARTMENT, TEL. NO. (205) 934-0503 14 DAYS PRIOR TO PROJECT COMPLETION TO COORDINATE THE ACTIVATION OF THEIR TELEPHONE AND DATA CONNECTIONS. THERE WILL BE ADDITIONAL COSTS ASSOCIATED WITH THE ACTIVATION THAT IS NOT INCLUDED IN THE CONSTRUCTION COST THAT WILL BE THE RESPONSIBILITY OF THE USER.

05-18-2021

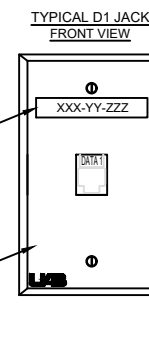
UAB 1-PORT DATA STATION CABLE SPECIFICATIONS (CAT6A)

MODULAR JACKS FOR D1 OUTLETS

D1 INDICATES: WALL OUTLET FOR D1 STATION. (1) 8 PIN STAINLESS STEEL ASSEMBLY (CAT6A/568B) EQUAL TO: SIEMON COMPANY KIT #MX-FP-S-06-011

D1 INDICATES: FLOOR OUTLET FOR D1 DESK STATION

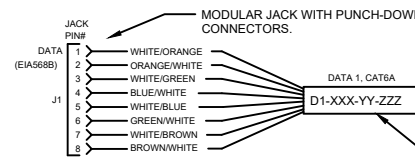
NOTE: D1 JACK KITS SHALL BE PROVIDED AND INSTALLED BY UAB COMMUNICATIONS CONTRACTOR.



CABLE FOR D1 OUTLETS

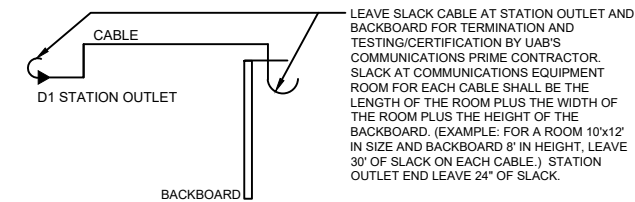
- THE FOLLOWING CABLES ARE UAB APPROVED FOR ALL D1 STATIONS:
NON-PLENUM AREAS:
DATA(1): HITACHI 4 PAIR CAT6A PT. #30304-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #1108549
CABLE COLOR GREEN
PLENUM AREAS:
DATA(1): HITACHI 4 PAIR CAT6A PT. #30303-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #11083158
CABLE COLOR GREEN
- THE CONTRACTOR SHALL IDENTIFY AND STENCIL ALL STATION CABLES AS FOLLOWS:
ALL STATION CABLES SHALL BE DESIGNATED WITH THE TYPE AND UNIQUE JACK NUMBER (SEE BELOW) NEATLY WITH A PERMANENT MARKER OR WITH A 3M SCOTCHCODE IDENTIFICATION SYSTEM INDICATING LETTERS AND NUMBERS.
ZZZ = UNIQUE JACK #
- PROVIDE ONE (1) 4 PAIR DATA FROM EACH OUTLET TO THE DESIGNATED COMMUNICATION BACKBOARD. CABLE SHALL BE 23 A.W.G. AND BE COLOR CODED AS FOLLOWS:
A. D1 STATIONS
(1) 4 PAIR DATA(1): 001-D1
B. PAY STATIONS
(1) 4 PAIR DATA: 002-DPS
C. ELEVATOR PHONE:
(1) 4 PAIR DATA: 004-DES
D. HELP PHONE:
(1) 4 PAIR DATA: 005-DHS

TYPICAL D1 STATION CABLING



D1 JACKS SHALL BE USED FOR WALL MOUNTED TELEPHONE STATIONS, TIME CLOCKS, & CAMERAS ONLY UNLESS OTHERWISE APPROVED BY TELECOMMUNICATIONS MANAGER.

TYPICAL OUTLET CABLING
SEE PLANS FOR CONDUIT LAYOUT



- NOTES:
- CONDUIT SIZING SHALL BE AS FOLLOWS: 1 OUTLET-1" C, 2 OUTLETS-1 1/4" C, 3 OUTLETS-2" C, 3 OUTLETS IS THE MAXIMUM FOR ANY HOMERUN UNLESS OTHERWISE APPROVED BY UAB TELECOM.
 - CONTRACTOR SHALL TEST ALL CABLES TO ENSURE END-TO-END CONTINUITY OF ALL CONDUCTORS IN EACH CABLE. THE JACKS SHALL BE FURNISHED, INSTALLED AND TERMINATED BY UAB TELECOMMUNICATIONS CONTRACTOR. AFTER TERMINATION, UAB TELECOMMUNICATIONS SHALL TEST FOR CONDUCTOR OPENS, TIP AND RING REVERSAL AND SHORTS, GROUNDS AND CABLE TRANSPORTATION CONTRACTOR, AT NO ADDITIONAL COST. SHALL REPLACE ANY CABLES THAT FAIL TO MEET PUBLISHED PERFORMANCE CRITERIA.
 - THE CONTRACTOR SHALL CONTACT UAB TELECOMMUNICATIONS SERVICES OUTSIDE PLANT/ENGINEERING OPERATIONS DEPARTMENT, TEL. NO. (205) 975-5379 FOR ASSISTANCE IN VERIFYING EXISTING CABLE FACILITIES IN THE PROJECT AREA AND IN THE NEW SYSTEM INSTALLATION PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL ALSO CONTACT UAB TELECOMMUNICATIONS 45 DAYS PRIOR TO TOTAL COMPLETION OF THE PROJECT TO INDICATE THEIR COMPLETION DATE FOR ALL STATION DROPS.
 - THE CONTRACTOR SHALL INFORM THE USERS TO CONTACT THE UAB TELECOMMUNICATIONS APPLICATIONS DEPARTMENT, TEL. NO. (205) 934-0503 14 DAYS PRIOR TO PROJECT COMPLETION TO COORDINATE THE ACTIVATION OF THEIR TELEPHONE AND DATA CONNECTIONS. THERE WILL BE ADDITIONAL COSTS ASSOCIATED WITH THE ACTIVATION THAT IS NOT INCLUDED IN THE CONSTRUCTION COST THAT WILL BE THE RESPONSIBILITY OF THE USER.

05-18-2021

UAB 2-PORT DATA STATION & 2-PORT WIRELESS ACCESS POINT CABLE SPECIFICATIONS (CAT6A)

MODULAR JACKS FOR D2 OUTLET & WIRELESS ACCESS POINT

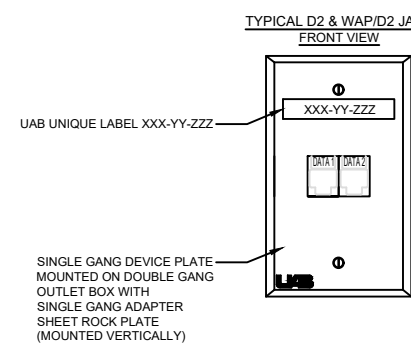
WAP/D2 INDICATES: WALL OUTLET FOR WIRELESS ACCESS POINT/D2 STATION. (2) 8 PIN STAINLESS STEEL ASSEMBLY (CAT6A/568B) EQUAL TO: SIEMON COMPANY KIT #MX-FP-S-06-010

MODULAR JACKS FOR D2 OUTLETS

D2 INDICATES: WALL OUTLET FOR D2 STATION. (2) 8 PIN STAINLESS STEEL ASSEMBLY (CAT6A/568B) EQUAL TO: SIEMON COMPANY KIT #MX-FP-S-06-010

D2 INDICATES: FLOOR OUTLET FOR D2 DESK STATION

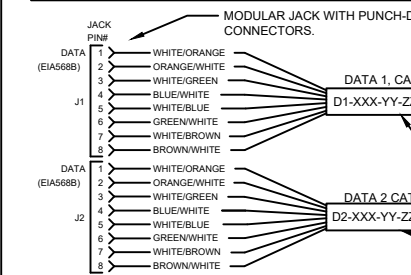
NOTE: D2 AND WIRELESS ACCESS POINT JACKS KITS SHALL BE PROVIDED AND INSTALLED BY UAB COMMUNICATIONS CONTRACTOR.



CABLE FOR D2 OUTLET & D2 WIRELESS ACCESS POINT

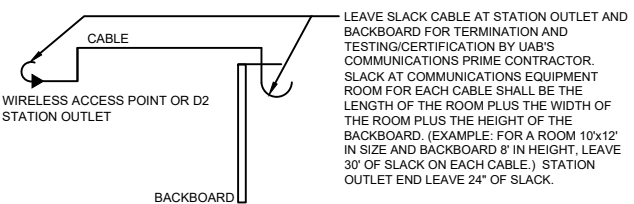
- THE FOLLOWING CABLES ARE UAB APPROVED FOR ALL D2 STATIONS:
NON-PLENUM AREAS:
DATA(1): HITACHI 4 PAIR CAT6A PT. #30304-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #1108549
DATA(2): HITACHI 4 PAIR CAT6A PT. #30304-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #1108549
CABLE COLOR GREEN
PLENUM AREAS:
DATA(1): HITACHI 4 PAIR CAT6A PT. #30303-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #11083158
DATA(2): HITACHI 4 PAIR CAT6A PT. #30303-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #11083158
CABLE COLOR GREEN
- THE CONTRACTOR SHALL IDENTIFY AND STENCIL ALL STATION CABLES AS FOLLOWS:
ALL STATION CABLES SHALL BE DESIGNATED WITH THE TYPE AND UNIQUE JACK NUMBER (SEE BELOW) NEATLY WITH A PERMANENT MARKER OR WITH A 3M SCOTCHCODE IDENTIFICATION SYSTEM INDICATING LETTERS AND NUMBERS.
ZZZ = UNIQUE JACK #
- PROVIDE TWO (2) 4 PAIR DATA FROM EACH OUTLET TO THE DESIGNATED COMMUNICATION BACKBOARD. CABLE SHALL BE 23 A.W.G. AND BE COLOR CODED AS FOLLOWS:
A. WIRELESS & D2 STATIONS
(1) 4 PAIR DATA(1): 001-D1
(1) 4 PAIR DATA(2): 001-D2

TYPICAL D2 STATION & D2 WIRELESS ACCESS POINT CABLING



NOTE: MOUNT WAP/D2 ABOVE CEILING IN HOSPITAL BUILDINGS AND FLUSH MOUNT IN CEILING FOR OTHER LOCATIONS UNLESS NOTED OTHERWISE.

TYPICAL OUTLET CABLING
SEE PLANS FOR CONDUIT LAYOUT



MARK CABLE NEATLY AT BACKBOARD END WITH PERMANENT MARKER FOR STATION IDENTIFICATION, W = WIRELESS ACCESS POINT D=DATA STATION CABLE, W = BLDG. NUMBER, YY = FLOOR NUMBER, AND ZZZ = UNIQUE JACK NUMBER
NOTE: EACH STATION WILL HAVE A UNIQUE NUMBER, 001, 002, 003 ETC.

- NOTES:
- CONDUIT SIZING SHALL BE AS FOLLOWS: 1 OUTLET-1" C, 2 OUTLETS-1 1/4" C, 3 OUTLETS-2" C, 3 OUTLETS IS THE MAXIMUM FOR ANY HOMERUN UNLESS OTHERWISE APPROVED BY UAB TELECOM.
 - CONTRACTOR SHALL TEST ALL CABLES TO ENSURE END-TO-END CONTINUITY OF ALL CONDUCTORS IN EACH CABLE. THE JACKS SHALL BE FURNISHED, INSTALLED AND TERMINATED BY UAB TELECOMMUNICATIONS CONTRACTOR. AFTER TERMINATION, UAB TELECOMMUNICATIONS SHALL TEST FOR CONDUCTOR OPENS, TIP AND RING REVERSAL AND SHORTS, GROUNDS AND CABLE TRANSPORTATION CONTRACTOR, AT NO ADDITIONAL COST. SHALL REPLACE ANY CABLES THAT FAIL TO MEET PUBLISHED PERFORMANCE CRITERIA.
 - THE CONTRACTOR SHALL CONTACT UAB TELECOMMUNICATIONS SERVICES OUTSIDE PLANT/ENGINEERING OPERATIONS DEPARTMENT, TEL. NO. (205) 975-5379 FOR ASSISTANCE IN VERIFYING EXISTING CABLE FACILITIES IN THE PROJECT AREA AND IN THE NEW SYSTEM INSTALLATION PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL ALSO CONTACT UAB TELECOMMUNICATIONS 45 DAYS PRIOR TO TOTAL COMPLETION OF THE PROJECT TO INDICATE THEIR COMPLETION DATE FOR ALL STATION DROPS.
 - THE CONTRACTOR SHALL INFORM THE USERS TO CONTACT THE UAB TELECOMMUNICATIONS APPLICATIONS DEPARTMENT, TEL. NO. (205) 934-0503 14 DAYS PRIOR TO PROJECT COMPLETION TO COORDINATE THE ACTIVATION OF THEIR TELEPHONE AND DATA CONNECTIONS. THERE WILL BE ADDITIONAL COSTS ASSOCIATED WITH THE ACTIVATION THAT IS NOT INCLUDED IN THE CONSTRUCTION COST THAT WILL BE THE RESPONSIBILITY OF THE USER.

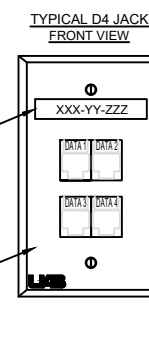
05-18-2021

UAB 4-PORT DATA OUTLET STATION CABLE SPECIFICATIONS (CAT6A)

MODULAR JACKS FOR D4 OUTLETS

D4 INDICATES: WALL OUTLET FOR D4 STATION. (4) 8 PIN STAINLESS STEEL ASSEMBLY (CAT6A/568B) EQUAL TO: SIEMON COMPANY KIT #MX-FP-S-06-012

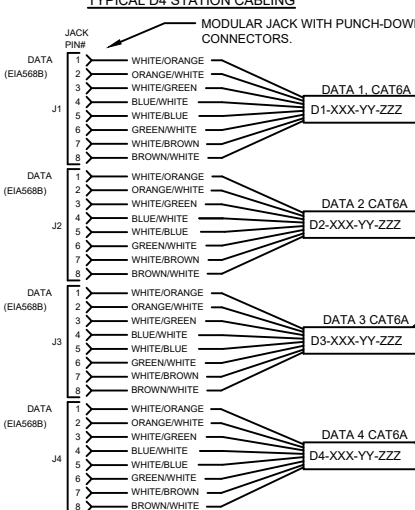
D4 INDICATES: FLOOR OUTLET FOR D4 DESK STATION



CABLE FOR D4 OUTLETS

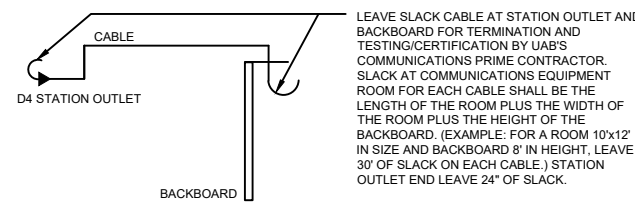
- THE FOLLOWING CABLES ARE UAB APPROVED FOR ALL D4 STATIONS:
NON-PLENUM AREAS:
DATA(1): HITACHI 4 PAIR CAT6A PT. #30304-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #1108549
DATA(2): HITACHI 4 PAIR CAT6A PT. #30304-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #1108549
DATA(3): HITACHI 4 PAIR CAT6A PT. #30304-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #1108549
DATA(4): HITACHI 4 PAIR CAT6A PT. #30304-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #1108549
CABLE COLOR GREEN
PLENUM AREAS:
DATA(1): HITACHI 4 PAIR CAT6A PT. #30303-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #11083158
DATA(2): HITACHI 4 PAIR CAT6A PT. #30303-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #11083158
DATA(3): HITACHI 4 PAIR CAT6A PT. #30303-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #11083158
DATA(4): HITACHI 4 PAIR CAT6A PT. #30303-8-GR3
SIEMON 4 PAIR CAT6A PT. #9UR4-AS-07-R1A
BERK-TEK 4 PAIR CAT6A PT. #11083158
CABLE COLOR GREEN
- THE CONTRACTOR SHALL IDENTIFY AND STENCIL ALL STATION CABLES AS FOLLOWS:
ALL STATION CABLES SHALL BE DESIGNATED WITH THE TYPE AND UNIQUE JACK NUMBER (SEE BELOW) NEATLY WITH A PERMANENT MARKER OR WITH A 3M SCOTCHCODE IDENTIFICATION SYSTEM INDICATING LETTERS AND NUMBERS.
ZZZ = UNIQUE JACK #
- PROVIDE FOUR (4) 4 PAIR DATA FROM EACH OUTLET TO THE DESIGNATED COMMUNICATION BACKBOARD. CABLE SHALL BE 23 A.W.G. AND BE COLOR CODED AS FOLLOWS:
A. D4 STATIONS
(1) 4 PAIR DATA(1): 001-D1
(1) 4 PAIR DATA(2): 001-D2
(1) 4 PAIR DATA(3): 001-D3
(1) 4 PAIR DATA(4): 001-D4

TYPICAL D4 STATION CABLING



NOTE: D4 JACK KITS SHALL BE PROVIDED AND INSTALLED BY UAB COMMUNICATIONS CONTRACTOR.

TYPICAL OUTLET CABLING
SEE PLANS FOR CONDUIT LAYOUT



- NOTES:
- CONDUIT SIZING SHALL BE AS FOLLOWS: 1 OUTLET-1" C, 2 OUTLETS-1 1/4" C, 3 OUTLETS-2" C, 3 OUTLETS IS THE MAXIMUM FOR ANY HOMERUN UNLESS OTHERWISE APPROVED BY UAB TELECOM.
 - CONTRACTOR SHALL TEST ALL CABLES TO ENSURE END-TO-END CONTINUITY OF ALL CONDUCTORS IN EACH CABLE. THE JACKS SHALL BE FURNISHED, INSTALLED AND TERMINATED BY UAB TELECOMMUNICATIONS CONTRACTOR. AFTER TERMINATION, UAB TELECOMMUNICATIONS SHALL TEST FOR CONDUCTOR OPENS, TIP AND RING REVERSAL AND SHORTS, GROUNDS AND CABLE TRANSPORTATION CONTRACTOR, AT NO ADDITIONAL COST. SHALL REPLACE ANY CABLES THAT FAIL TO MEET PUBLISHED PERFORMANCE CRITERIA.
 - THE CONTRACTOR SHALL CONTACT UAB TELECOMMUNICATIONS SERVICES OUTSIDE PLANT/ENGINEERING OPERATIONS DEPARTMENT, TEL. NO. (205) 975-5379 FOR ASSISTANCE IN VERIFYING EXISTING CABLE FACILITIES IN THE PROJECT AREA AND IN THE NEW SYSTEM INSTALLATION PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL ALSO CONTACT UAB TELECOMMUNICATIONS 45 DAYS PRIOR TO TOTAL COMPLETION OF THE PROJECT TO INDICATE THEIR COMPLETION DATE FOR ALL STATION DROPS.
 - THE CONTRACTOR SHALL INFORM THE USERS TO CONTACT THE UAB TELECOMMUNICATIONS APPLICATIONS DEPARTMENT, TEL. NO. (205) 934-0503 14 DAYS PRIOR TO PROJECT COMPLETION TO COORDINATE THE ACTIVATION OF THEIR TELEPHONE AND DATA CONNECTIONS. THERE WILL BE ADDITIONAL COSTS ASSOCIATED WITH THE ACTIVATION THAT IS NOT INCLUDED IN THE CONSTRUCTION COST THAT WILL BE THE RESPONSIBILITY OF THE USER.

05-18-2021

REVISIONS	DATE	ENG.	APVD.	REVISIONS
1	07/18	SJJ	CBW	Update Plenum Part #
2	01/19	CBW	CBW	Remove Ed Turpin's Name

SHEET TITLE	RECORDS REFERENCE	DATE	ENG. BY	APVD. BY	TEST. OR J.O.
UAB CAT6A DATA ONLY BLDGS.	INSIDE PLANT WIRING AND STATION CABLE SPECIFICATIONS	11/04	CBW	CBW	

SCALE:	COMMUNICATIONS DEPARTMENT
NONE	N/A

SHEET NUMBER	UAB CAT6A DATA ONLY BLDGS.
1	OF 1