

TELECENTER IV WIRING REQUIREMENTS

SPEAKER ONLY-NO CALL-IN

- Two Wire Shielded
One Twisted Shielded Pair for the Speaker
Maximum Distance 22 ga: 1500 ft.
20 ga: 2400 ft.
18 ga: 3800 ft.

SPEAKER WITH CALL-IN

- Three Wire Shielded
One Twisted Pair for the Speaker
One Conductor for Call-In
One Overall Shield for above
Maximum Distance 22 ga: 1500 ft.
20 ga: 2400 ft.
18 ga: 3800 ft.

SPEAKER WITH CALL-IN AND SINGLE LINK STAFF TELEPHONE

- Three Wire Shielded Plus One Twisted Pair
One Twisted Pair for the Speaker
One Conductor for Call-In
One Overall Shield for above
One Twisted Pair for the Staff Telephone
Maximum Distance 22 ga: 1500 ft.
20 ga: 2400 ft.
18 ga: 3800 ft.

SPEAKER WITH EITHER MULTI-LINK STAFF TELEPHONE OR ADMINISTRATIVE TELEPHONE

- One Twisted Shielded Pair Plus One Twisted Pair
One Twisted Shielded Pair for the Speaker
One Twisted Pair the Telephone
Maximum Distance 22 ga: 1500 ft.
20 ga: 2400 ft.
18 ga: 3800 ft.

SPEAKER WITH MULTI-LINK STAFF TELEPHONE AND EMERGENCY CALL SWITCH

- Three Wire Shielded plus One Twisted Pair
One Twisted Pair for the Speaker
One Conductor for Emergency Call-In
One Overall Shield for above
One Twisted Pair for the Staff Telephone
Maximum Distance 22 ga: 1500 ft.
20 ga: 2400 ft.
18 ga: 3800 ft.

ADMINISTRATIVE TELEPHONE OR STAND ALONE MULTI-LINK STAFF TELEPHONE

- One Twisted Pair.
Maximum Distance 22 ga: 2000 ft.
20 ga: 3200 ft.
18 ga: 5000 ft.

ADMINISTRATIVE TELEPHONE WITH DISPLAY

- One Twisted Pair Plus One Shielded Pair.
One Twisted Pair for the Telephone
One Shielded Pair for the Display
Maximum Distance of Shielded Pair: 1000 ft. in Total for up to three displays.
Example, Three runs of 330 ft. = 990 ft. Total.

TC4200 VFD WALL UNIT

- One Shielded Pair
Maximum Distance of Shielded Pair: 1000 ft.
in Total for up to three displays.

CONTROL CONSOLE INTERFACE ASSEMBLY TO CONSOLE JUNCTION BOX

- Three Shielded Pairs
Maximum Distance: 22 ga: 1000 ft.