SYSTEM DESIGN PLANNER

Residential Structured Wiring System Design Planner

Locations	Connectivity Lines	Example (Line 1)	Voice, Line 1	Voice, Line 2	Voice, Line 3	Voice, Line 4	Data, Line 1	Data, Line 2	Video, Line 1	Video, Line 2	Audio, Line 1														
Kitchen	1																								
Family Room	3																								
Living Room	2																								
Master Bedroom	1																								
2nd. Bedroom	1																								
3rd. Bedroom	1																								
4th. Bedroom	0																								
Home Office	2																								
Garage	0																								
Den	0																								
Patio	0																								
Total	11																								

Instructions

Step 1: Write the type of item to install.

Step 2: Write in how many drops of each connectivity is needed for each room.

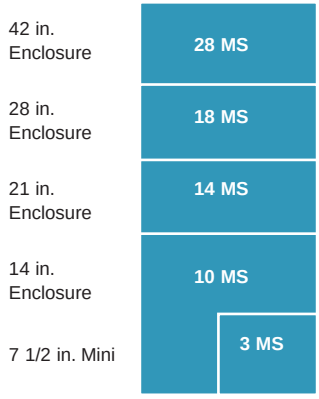
Step 3: Total each column and select modules needed. (See example provided.)

Step 4: Select the size of enclosure needed.

System Matrix

Category	Available Modules	Support	Spaces (MS)
Voice	Home office telephone module	1-24 Phones	2 MS
	Telephone module	1-8 Phones	1 MS
	Telephone expansion module	8-16 Phones	1 MS
Data	Data module, CAT 5e, 8-Port	8 Computers	1 MS
	Data network router, 4-port	4 Computers	3 MS
	Data switching hub, 8-port	7 Computers + 1 UL	3 MS
Video	Video splitter, 1x4	4 TV's	1 MS
	Video splitter, 1x6	6 TV's	1 MS
	Video, splitter, 1x8	8 TV's	1 MS
	Video drop amplifier module	+15Db Gain	1 MS
	Video multi-switch	Satellite to CATV	1 MS
Audio	Audio module	8 Stereo Speakers	1 MS
Brackets	Electronics bracket	Electronic Equipment	2 MS
	Security Bracket	Security Boards	2 MS

Mounting Net.Media Enclosures



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