



CABLE RECOMMENDATIONS

VX2200 video system									
Distance	Bus L & - and Video pair V1 & V2		Power supply +20 & 0V and +12V & 0V		Lock connections		All other connections		
Max. Ω	7.5Ω		5Ω		3Ω		10Ω		
	mm²	AWG	mm²	AWG	mm²	AWG	mm²	AWG	
50m	0.22	24	0.5	20	0.75	18	0.22	24	
100m	0.35	22	0.6	19	1.0	17	0.35	22	
200m	0.6	19	1.0	17	1.5	15	0.5	20	
300m	1.0	17	1.5	15	2.0	14	0.75	18	
400m	1.5	15	2.5	13	2.5	13	1.0	17	

When using CAT5 or 4 pair CW1308 on video systems (Max. 60m for mono video, 80m for colour video):
 One pair should be used for L
 One pair for 0V (Linking the video and bus 0V together at the videophone)
 One pair used for +20V
 One pair used for video connections V1 & V2

Other cables can be used, refer to table for maximum cable resistances.

Common cable resistances:-
 CAT5 – 9.4Ω/100m
 CW1308 – 9.8Ω/100m
 YY 0.5mm² - 3.9Ω/100m
 YY 0.75mm² - 2.6Ω/100m
 YY 1.0mm² - 2Ω/100m
 Double up cores to achieve the resistances in the table