

INTERCONNECT CABLE TYPES AND COUNTS

I/C TYPE	CABLE COUNT	DESCRIPTION
V/C W/ SPEAKERS	3	ONE 16/4, ONE CAT-5e FROM ENT. CTR. TO VOLUME CONTROL LOCATION, 16/4 ONLY LOOPED TO SPKRS.
V/C W/ A/B & SPKRS	8	ONE 16/4, ONE CAT-5e, ONE 2-PR TPS FROM ENT. CTR. LOOPED THROUGH V/C TO LOCAL TV LOCATION, SPKRS RUN DIRECTLY TO LOCAL TV.
BASIC A/V I/C	7	ONE 16/4, ONE CAT-5e, ONE RG-6 QUAD, ONE 2-PR TPS, THREE RG-59U RUN BETWEEN A/V COMPONENT LOCATIONS.
ADVANCED A/V I/C	12	TWO 16/4, TWO CAT-5e, TWO RG-6 QUAD, TWO 2-PR TPS, FOUR RG-59U RUN BETWEEN A/V COMPONENT LOCATIONS.
PLASMA - FLAT PANEL I/C (HD Compatible)	9	FOUR RG-59U, TWO CAT-5e, ONE 2-PR TPS, TWO 16/4 RUN FROM A/V SOURCE EQUIPMENT TO FLAT PANEL LOCATION.
LCD - FLAT PANEL I/C (Non HD Compatible)	3	ONE RG-6 QUAD, ONE RG-59U, ONE CAT-5e, RUN FROM A/V SOURCE EQUIPMENT TO FLAT PANEL LOCATION, NON-HDTV.
FRONT PROJECTOR	7	FOUR RG-59U, TWO CAT-5e, ONE 2-PR TPS
SOURCE COMPONENT I/C	7	FOUR RG-59U, TWO CAT-5e, ONE 2-PR TPS.
SATELLITE (3 LNB DISH)	7	SIX RG-6 QUAD, 10AWG EARTH GROUND, RUN FROM SAT LOCATION TO TELECOMMUNICATIONS CLOSET.
SATELLITE (5 LNB DISH)	9	EIGHT RG-6 QUAD, 10AWG EARTH GROUND, RUN FROM SAT LOCATION TO TELECOMMUNICATIONS CLOSET.
POWERED IN-ROOM SUB	1	ONE 2-PR TPS RUN FROM SUB LOCATION TO A/V EQUIP. LOCATE SUB NEAR 110VAC RECEPTACLE.
NON-PWRD IN-WALL SUB	2	ONE 2-PR TPS, ONE 16/4 RUN FROM SUB LOCATION TO A/V EQUIP. LOCATION (REQUIRES 6" DEEP WALL MINIMUM)
FILMSCREEN	2	ONE 16/4 FOR LOW VOLTAGE PWR/RELAY AND ONE CAT-5e FOR CONTROL RUN TO A/V EQUIPMENT LOCATION.
DRAPERY / WINDOW TREATMENTS	2	ONE 16/4 AND ONE CAT-5e RUN TO DRAPERY CNTRL PROCESSOR.
AUTOMATION / CONTROL (Crestron, AMX ETC...)	2	ONE 18/4 MID CAP, ONE CAT-5e, RUN FROM AUTOMATION PROCESSOR LOCATION TO EQUIPMENT BEING CONTROLLED.
ADVANCED AUTO. & CNTRL. (Crestron, AMX ETC...)	3	ONE 18/4 MID CAP, TWO CAT-5e, RUN FROM AUTOMATION PROCESSOR LOCATION TO EQUIPMENT BEING CONTROLLED.
LIGHTING CONTROL (Vantage, Lutron ETC...)	1	ONE 18/4 MID CAP, LOOPED BY FLOOR TO LIGHT SWITCH, RECEPTACLE, OR ANY CONTROLLED DEVICE FROM PANEL.
TOUCHPANEL	4	ONE 18/4 MID CAP, TWO CAT-5e, ONE RG-59U RUN FROM TCHPNL LOCATION TO AUTOMATION PROCESSOR LOCATION.

Note:

For devices requiring 110VAC power locate device near receptacle or add receptacle near device where necessary. (Televisions & Video Displays, Front Projectors, Motorized Filmscreens, 110VAC Motorized Drapery, Powered Subwoofers, Audio Video Components, etc...). Also note I/C locations may be critical for certain devices; drapery, filmscreens, touchpanels etc...

This specification has been prepared as a guideline only and may not allow for all interconnect requirements, consult with system manufacturer's for proprietary requirements. For a consultation please contact imagine Audio directly at www.imagineaudio.net

PRECISION ARCHITECTURAL LOUDSPEAKERS