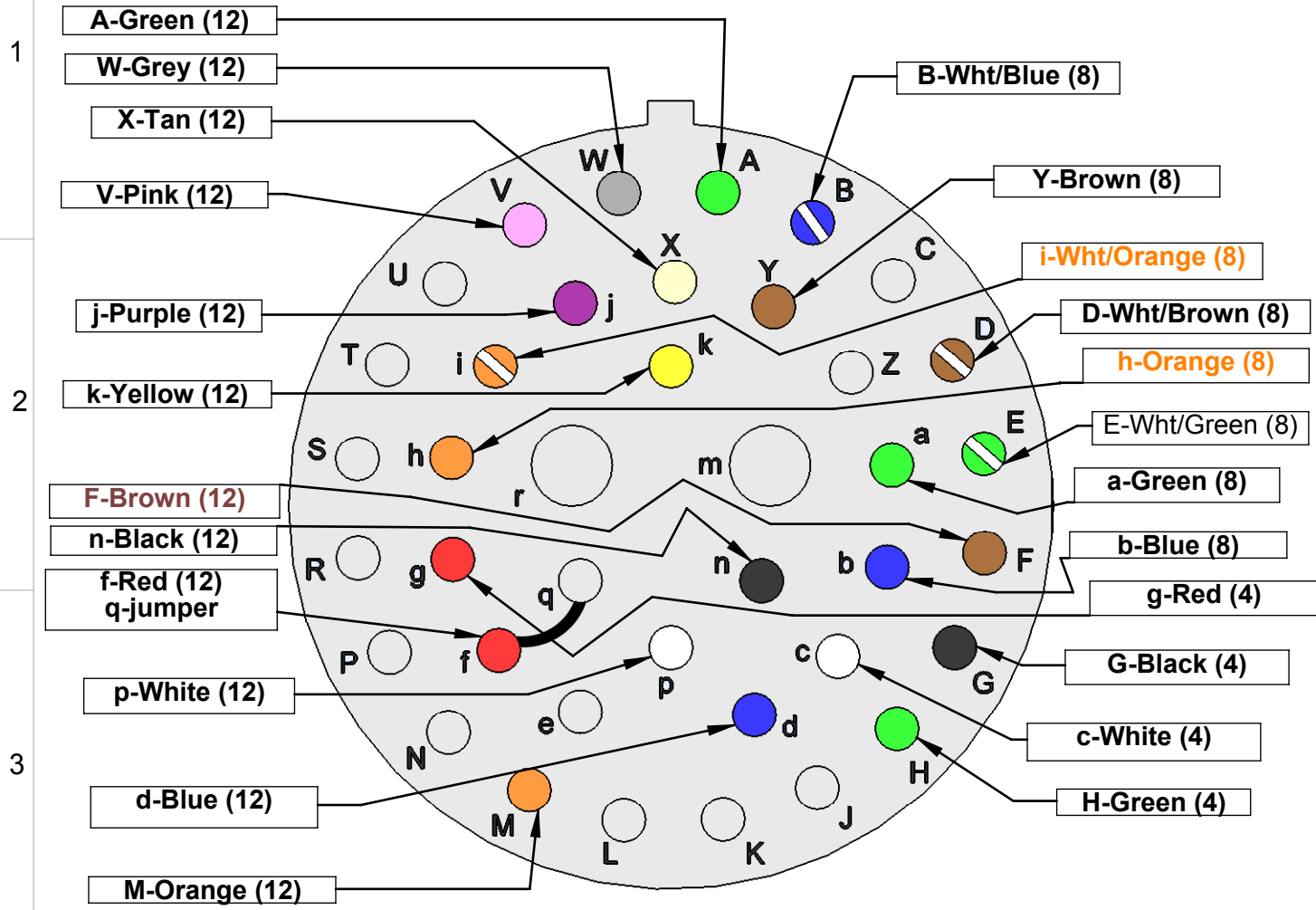


COHU CAMERA CABLE WIRING DIAGRAM



**Amphenol 20-39 connector layout
(Solder Side of Female Connector)**

A	Green /12	24vac I/O or 24vdc in or vac select jumper
M	Orange /12	24vac Out or 115vac select jumper
X	Tan /12	AC Ground
W	Gray /12	115vac In or Out (M & N jumpered)
V	Pink /12	115vac in or Out (M & N jumpered)
d	Blue /12	24vac In/Out or 24vdc In
j	Purple /12	Pressure Contact
k	Yellow /12	Pressure Cotact

P		
C		
R		
J		
S		
K		

i	Wht-Org /8	RJ-45
h	Orange /8	1 TD +
E	Wht-Grn /8	2 TD -
b	Blue /8	3 RD +
B	Wht-Blu /8	4 POE +
a	Green /8	5 POE -
D	Wht-Brn /8	6 RD -
Y	Brown /8	7 POE +
		8 POE -

n	Black /12	RS-232 TD
p	White /12	RS-232 Rx
q		
F	Brown /12	+12VDC Out
f	Red /12	12VDC Return
G	Black /14	Trigger In -
g	Red /4	Trigger In +
H	Green /4	Trigger Out -
c	White /4	Trigger Out +

- NOTES:**
1. All wires 22 or 24 gauge stranded.
 2. Power Cable is Signal™ P/N 51122, 12-Conductor, 300 Volt, or equivalent.
 3. Signal Cable is Signal™ P/N 67001, 4-Conductor, 300 Volt, or equivalent.
 4. Cat 5e Cable from Smarhome P/N 6389BL, 350 MHz, or equivalent.
 5. Non-Metallic Conduit is Type B, PVC Spiral Bound, McMaster P/N 7581K42 or equivalent.
 6. Loose wires to protrude approximately 24" beyond conduit.
 7. Wires in connector potted with Devcon 10-Minute Epoxy P/N 14251 or equivalent.
 8. 100% continuity and short test performed after potting.

APPROV.	NAME	SIGNATURE	DATE	<p>Intellegation, LLC Richland, WA (509)-539-1877</p>	
DRAWN	D Mehic				
CHECKED					
ENGR.	CMSmith				
NEXT ASSY	USED ON	UNLESS OTHERWISE SPECIFIED:		TITLE	
APPLICATION		DIMENSIONS ARE IN INCHES TOLERANCES:		<p>Camera Pigtail Wiring Diagram</p>	
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INTELEGRATION. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE PERMISSION OF INTELEGRATION IS PROHIBITED.		FRACTIONS ±1/16			DWG NO:
		DECIMALS .X ±.05 .XX ±.02 .XXX ±.005			REV. 01
		ANGELS .X ±1° .XX ±.5° .XXX ±.1°		PROJECT Camera Pigtails	
		SCALE 1:1		FILE NAME Wiring Diagram R3	
		WEIGHT		SIZE B	
		SHEET			