

**Texas Weather Instruments, Inc.**  
**WR, WRL, WPS, WLS Weather Stations**  
**Cable Diagrams**



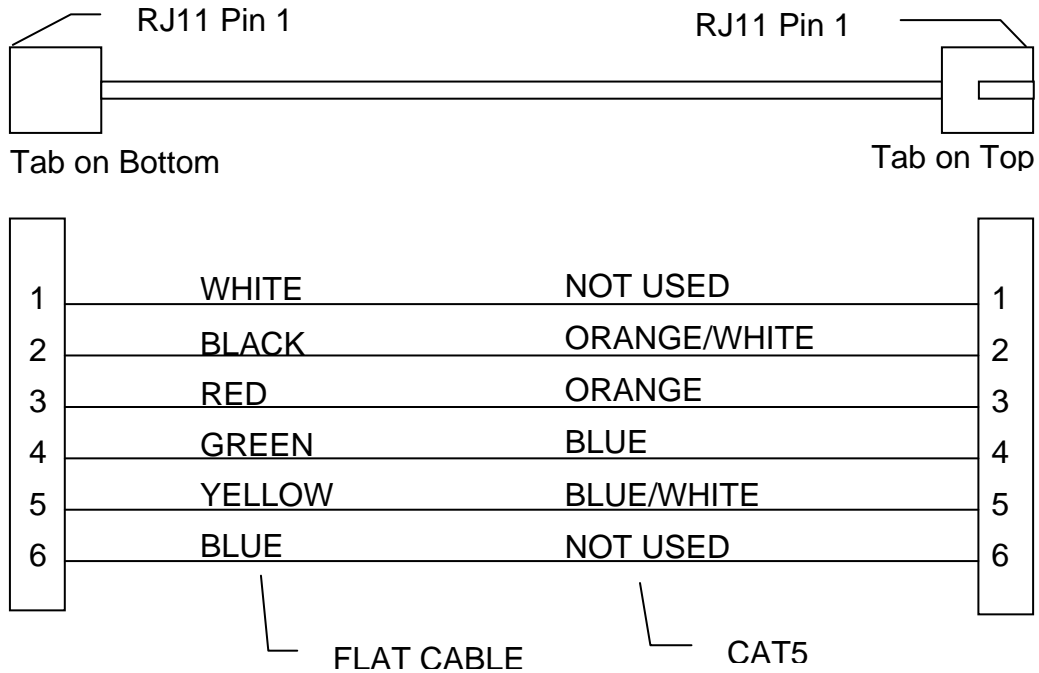
**BLUE CABLE – TEMP / HUM / RAIN**

<b>PIN</b>	<b>FUNCTION</b>	<b>FLAT CABLE</b>	<b>CAT5 CABLE</b>
1	RAIN -	BROWN	BLUE
2	RH SIGNAL OUTPUT	BLUE	BLUE/WHITE
3	RH GROUND	YELLOW	GREEN
4	RH REFERENCE	GREEN	GREEN/WHITE
5	RH POWER	RED	BROWN
6	TEMPERATURE OUTSIDE -	BLACK	BROWN/WHITE
7	TEMPERATURE OUTSIDE +	ORANGE	ORANGE
8	RAIN +	GRAY	ORANGE/WHITE

**YELLOW CABLE – WIND**

<b>PIN</b>	<b>FUNCTION</b>	<b>FLAT CABLE</b>	<b>CAT5 CABLE</b>
1	WIND DIRECTION CH 1	BROWN	BLUE
2	WIND SPEED	BLUE	BLUE/WHITE
3	WIND DIRECTION CH 3	YELLOW	GREEN
4	WIND DIRECTION CH 0	GREEN	GREEN/WHITE
5	POWER	RED	BROWN
6	GROUND	BLACK	BROWN/WHITE
7	WIND DIRECTION CH 2	ORANGE	ORANGE
8	GROUND	GRAY	ORANGE/WHITE

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RED CABLE – INDOOR TEMP / AUX INPUT (SOLAR OR TEMP)

PIN	FUNCTION	FLAT CABLE	CAT5 CABLE
1	GROUND	WHITE	NOT USED
2	AUX -	BLACK	ORANGE/WHITE
3	AUX +	RED	ORANGE
4	INDOOR TEMP +	GREEN	BLUE
5	INDOOR TEMP -	YELLOW	BLUE/WHITE
6	GROUND	BLUE	NOT USED

**\*Note that all cable connections are wired straight through.**