



333 Bayview Avenue  
Amityville, New York 11701  
For Sales and Repairs, (800) 645-9445  
For Technical Service, (800) 645-9440  
Publicly traded on NASDAQ Symbol: NSSC

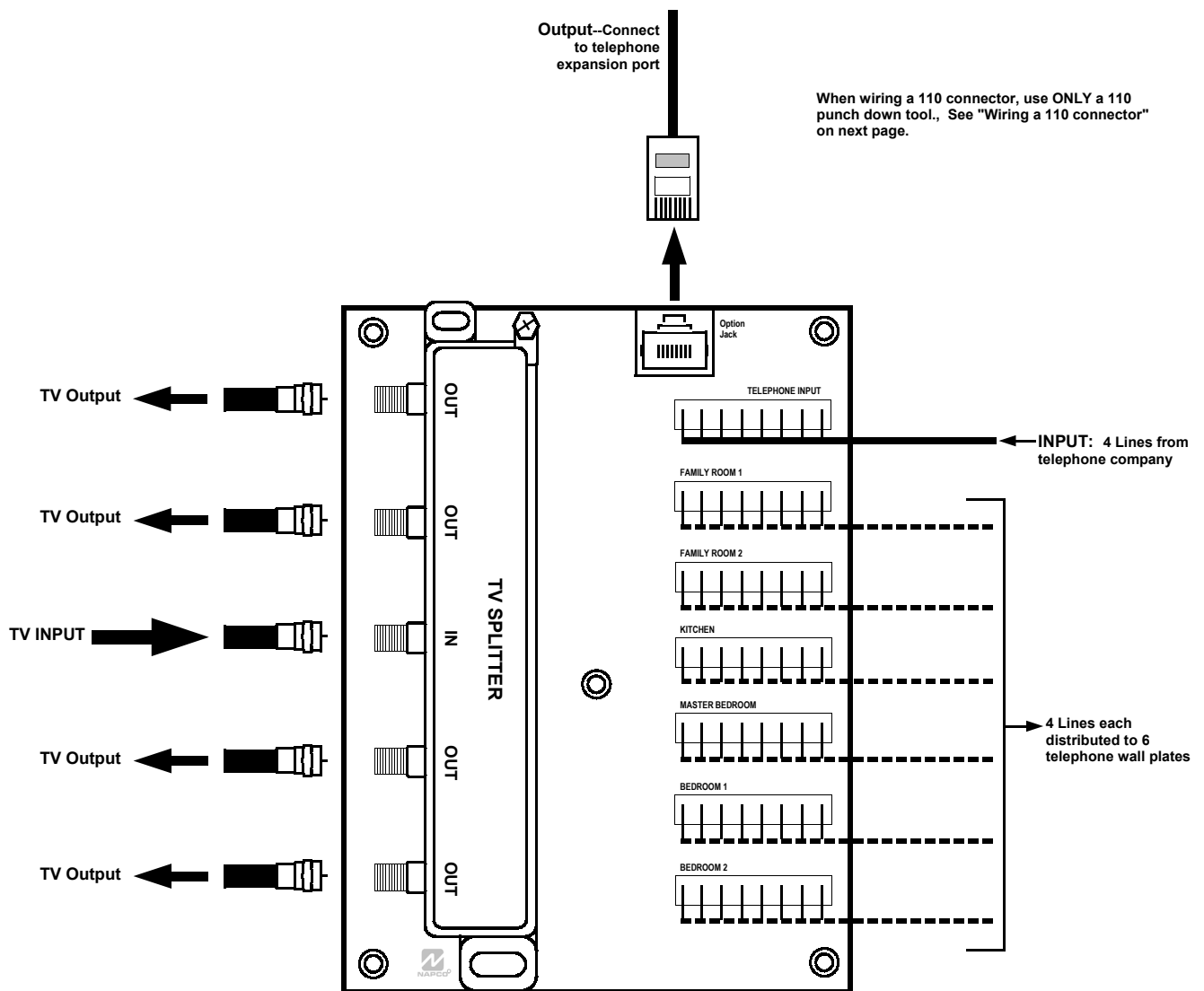
© NAPCO 2005

# NAPCO SMT4/6V4 TELEPHONE / TV MODULE INSTALLATION AND WIRING INSTRUCTIONS

WI1408A 7/05

The SMT4/6V4 Telephone / TV Module provides distribution of 1-4 telephone lines to a maximum of 6 separate locations, and a 4-way video splitter providing distribution to 4 locations. The bi-directional F type 4-way coax splitter / combiner provides 5-1000Mhz bandwidth and can be used to split a signal from a source or combine signals from multiple sources onto one coax run.. An RJ-45 socket is provided for use with an expansion board, and is wired in series with each 110 punch-down block. An additional SMTD6 Module may be used to provide expansion up to a maximum of 12 locations. A wiring installation example is shown in the diagram below.

## TYPICAL INSTALLATION

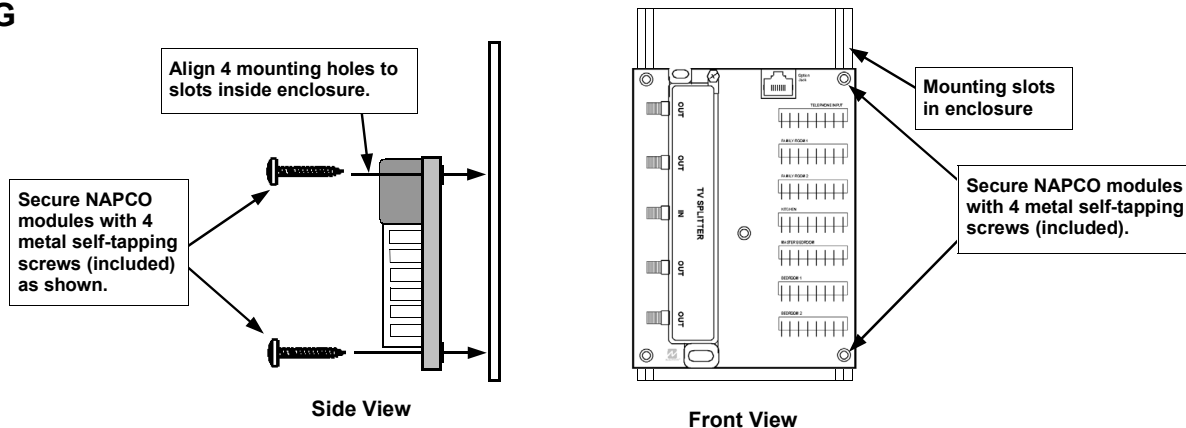


**BEFORE PROCEEDING, PLEASE READ THIS IMPORTANT SAFETY INFORMATION:**

**CAUTION** - When installing or modifying telephone lines:

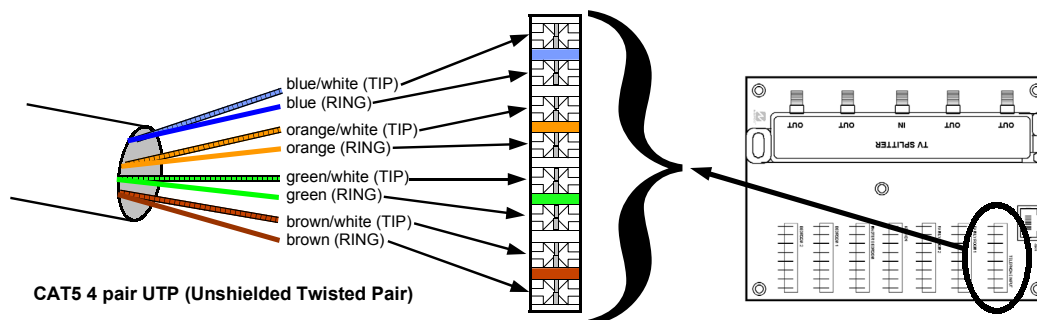
- Never install telephone wiring in wet locations or during a lighting storm;
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.

**MOUNTING**



**WIRING A 110 CONNECTOR & COLOR CODES**

The 110 connector is a sophisticated insulation displacement connection system. To push the wire between the contact blades, use ONLY a 110 punch down tool. Using a screwdriver or needle nose pliers may not seat the wire properly and can damage the contacts.



**MODULAR CONNECTORS**

**8 Position Connector**

Eight-wire RJ-45 connectors are used with 10BaseT and 100BaseT Ethernet networks and structured wiring of telephone and data lines. We recommend that for residential use, the RJ-45 connectors be wired to the TIA T568A standard, as shown below:

**6 Position Connectors**

Six-wire RJ-11 connectors are used for single line telephones, answering machines and modems. Six-wire RJ-14 connectors are used for dual line telephones and answering machines. Six-wire RJ-25 connectors are more rare, and are used for 3 line Key Service Units (the cabinet that contains the electronics for a key telephone system).

WIRING RJ-45 CONNECTORS (TIA T568A STANDARD)					
PIN	COLOR	PAIR	DESCRIPTION	RING / TIP	DIAGRAM
1	white/green	3	RecvData +	TIP	
2	green	3	RecvData -	RING	
3	white/orange	2	TxData +	TIP	
4	blue	1	Unused	RING	
5	white/blue	1	Unused	TIP	
6	orange	2	TXData -	RING	
7	white/brown	4	Unused	TIP	
8	brown	4	Unused	RING	

**Note:** Odd pin numbers are always the striped wires.