

# HSMM & Anderson Power Poles

VE3WPJ

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# Introduction



- ◆ Licensed Basic 2003, CW 2004
- ◆ Interested mainly in digital modes
  - Packet, APRS, PSK, ATV
- ◆ Background - Computer Nerd
- ◆ Network Design – “The Gothic Horror”

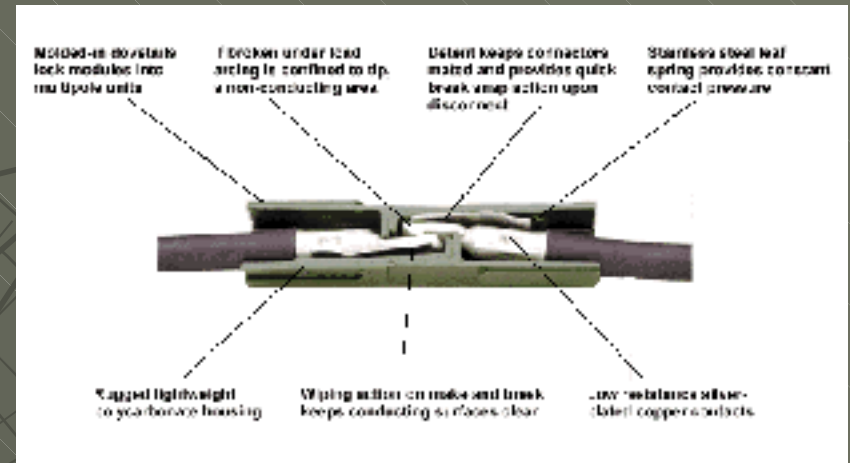
# Two Topics Tonight

- ◆ Anderson Power Poles
- ◆ HSMM – High Speed Multi-Media

# Anderson Power Poles

- ◆ Standard Power Connector
- ◆ ARES / RACES Standard
- ◆ How I have adopted the Anderson Power Poles
  - All Radios and Accessories
  - West Mountain Radio DC Power Bus
  - Crimping Tool
  - Cables and Other Adapters

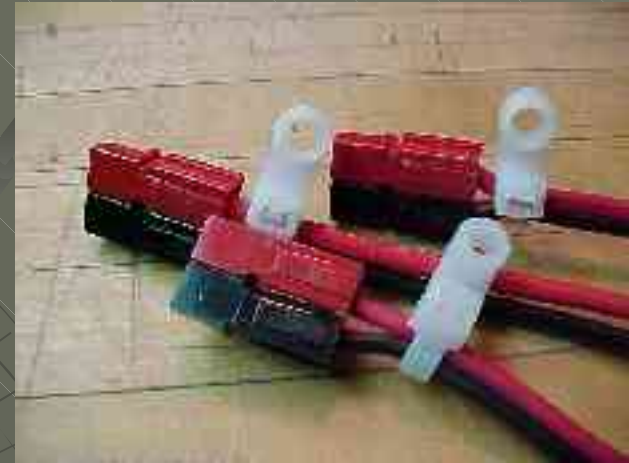
# Anderson Power Poles



# Anderson Power Poles



# Anderson Power Poles



# HSMM

- ◆ What is it?
- ◆ How & Why do I use it
- ◆ What the club has done with it
- ◆ Thoughts on the future

# What Is it?

- ◆ High Speed Packet Network
  - Greater than 1200bps ☺
  - Usually 1Mbps to 108Mbps
- ◆ Typically TCP/IP Network
- ◆ Frequencies used 6M and Up
  - A lot on 2.4G, 5.8G and 900Mhz
- ◆ Consumer and OEM Devices

# How & Why Do I Use It

- ◆ Well for fun
- ◆ Remote Radio Control
- ◆ Video Streaming
- ◆ Data Logging
- ◆ VoIP (Voice over IP)
- ◆ Actually for Packet



# What Has the Club Done



- ◆ Wireless Audit Survey
- ◆ Wireless Network at Field Day 2004
- ◆ Behind the Scenes Planning
- ◆ Installed AP in the FSV
- ◆ Started a Wide Area Network

# Thoughts on the Future

- ◆ Mississauga Wide Network
  - Wireless Point to Point
  - Wireless Client Access
- ◆ Investigation of Different Mesh Types
- ◆ Incorporating into Existing Packet
- ◆ D-Star Network
- ◆ Ares Digital Comms

# Where to Get More Information

- ◆ [www.arrl.com/hsmm](http://www.arrl.com/hsmm)
- ◆ [www.Google.ca](http://www.Google.ca)
- ◆ [www.netstumbler.com](http://www.netstumbler.com)

# Questions?

- ◆ And hopefully Answers!
- ◆ Any feed back!