



SPECIFICATIONS

AUDIO-VIDEO JACKS:

MATERIAL

| | |
|--------------------------|-------------------|
| Plug Insulators: | Teflon® |
| Top & Bottom Insulators: | Polymethylpentene |
| Termination Contacts: | Beryllium Copper |
| Female Contacts: | Beryllium Copper |
| Male Contacts: | Brass |
| All Other Metal Parts: | Zinc |

FINISHES

| | |
|------------------|--------|
| Contacts: | Gold |
| All Other Parts: | Nickel |

ELECTRICAL

| | |
|-------------------------|--|
| Impedance: | 75 Ohms |
| Frequency Range: | DC to 2.4 GHz |
| Voltage Rating: | 500 Volts RMS |
| Termination Resistance: | 75 Ohms, 2% |
| Return Loss: | -20 dB Maximum to 1.5 GHz -14 dB Maximum to 2.4 GHz |

MECHANICAL

| | |
|-------|---------------|
| Life: | 30,000 Cycles |
|-------|---------------|

- 75 Ohm Nominal Impedance.
- Micro-miniature size permits higher circuit density - Up to 56 circuits per 19" panel.
- Positive locking equipment connections prevent accidental unmating.
- Crimp contacts allow for in-house installation.
- Patch and equipment plugs designed to terminate to popular industry cables, such as Belden 1855A and GepCo VDM 230.
- Frequency Range: Up to 2.4 GHz

PATCH AND EQUIPMENT PLUGS:

MATERIAL

| | |
|------------------------|-----------------|
| Insulators: | Teflon® |
| Gaskets: | Silicone Rubber |
| All Other Metal Parts: | Brass |

FINISHES

| | |
|------------------|--------|
| Contacts: | Gold |
| All Other Parts: | Nickel |

ELECTRICAL

| | |
|------------------|---------------------------|
| Impedance: | 75 Ohms |
| Frequency Range: | DC to 2.4 GHz |
| Voltage Rating: | 500 Volts RMS |
| Return Loss: | -23 dB Maximum to 2.4 GHz |

MECHANICAL

| | |
|-------|---------------|
| Life: | 30,000 Cycles |
|-------|---------------|

PATCH PANEL:

MATERIAL

| | |
|--------------------------|--|
| Audio-Video Jacks: | See Specifications for Individual Products |
| Designation Strip Cover: | Lexan |
| Screws: | Brass |
| Face Panel: | Black GE Noryl or Arboron |
| All Other Metal Parts: | Cold Rolled Steel |

JACK

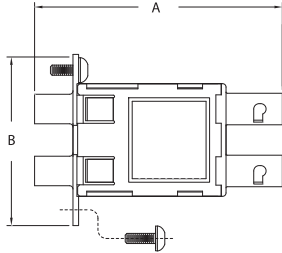


FIGURE 1

JACKFIELD

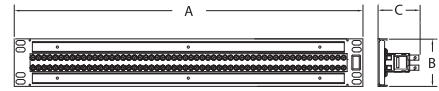


FIGURE 2

EQUIPMENT PLUG

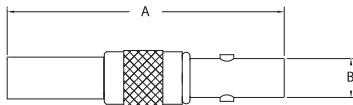


FIGURE 3

PATCH PLUG

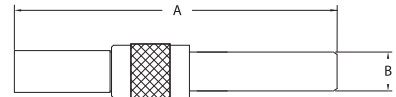


FIGURE 4

| Item Number | Military PN | Product Description | Gender | Finish | Dimensions | | | | Cable Group | Cable Procedure | Crimp Die | Mounting Hole | Figure # |
|-------------|-------------|---|--------|--------|------------|-------|-------|---|-------------|-----------------|-----------|---------------|----------|
| | | | | | A | B | C | D | | | | | |
| 8600-2 | | Mini Audio/Video Jack, Dual, Terminated | F | Nickel | 2.200 | 1.500 | | | | | | | 1 |
| 8601-1 | | Mini Audio/Video Jackfield | F | Nickel | 19.000 | 2.570 | 2.360 | | | | | | 2 |
| 8605-3-9 | | Mini Audio/Video Equipment Plug | M | Nickel | 1.430 | 0.200 | | | 26 | 3-661-6 | KTH-2025 | | 3 |
| 8608-2-9 | | Mini Audio/Video Patch Plug | M | Nickel | 1.640 | 0.200 | | | 26 | 3-661-6 | KTH-2025 | | 4 |