

SuperHD+ Series

3.0GHz - 3Gb/s Microsize Dual Video Jack Specifications



Electrical:

Rated Bandwidth: 3.0GHz - 3Gb/s: meets HDTV SMPTE 424M-2006 Specification
 Characteristic Impedance: 75 Ohms
 Contact Resistance: Less than 50 milliohms
 Termination Resistance: 75 Ohms ± 1%

Environmental:

Operating Temperature: -40°C to 65°C
 Storage Temperature: -40°C to 65°C
 Thermal Shock: Per MIL-STD-202, Method 107
 Moisture and Humidity: Per MIL-STD-202, Method 106
 RoHS:

Mechanical:

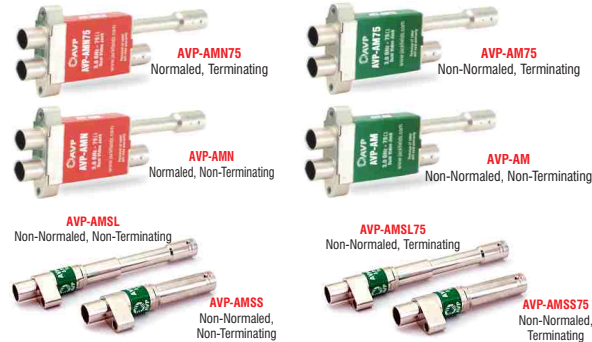
Mechanical Shock: Per MIL-STD-202, Method 213, Test condition I
 Vibration: Per MIL-STD-202, Method 201
 Life cycle: 20,000 minimum

Material:

Housing: Zinc alloy, nickel plated
 Center Contacts: Copper alloy, gold plated
 Switching Contacts: Copper alloy, gold plated
 Grounding Contacts: Copper alloy, gold plated
 Actuators: Thermoplastic, UL 94V-0 rated
 Insulators: Teflon



3.0GHz - 3Gb/s Midsize Dual & Single Video Jack Specifications



Electrical:

Rated Bandwidth: 3.0GHz - 3Gb/s: meets HDTV SMPTE 424M-2006 Specification
 Characteristic Impedance: 75 Ohms
 Return Loss: See typical Return Loss chart
 Insertion Loss: See typical Insertion Loss chart
 Contact Resistance: Less than 50 milliohms
 Termination Resistance: 75 Ohms ± 1%
 Center Conductor: Accepts 0.048" pin diameter

Environmental:

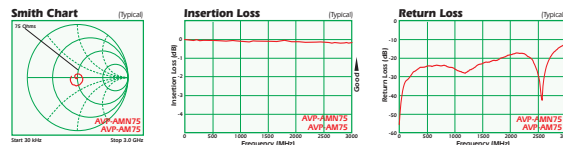
Operating Temperature: -40°C to 65°C
 Storage Temperature: -40°C to 65°C
 Thermal Shock: Per MIL-STD-202, Method 107
 Moisture and Humidity: Per MIL-STD-202, Method 106
 RoHS:

Mechanical:

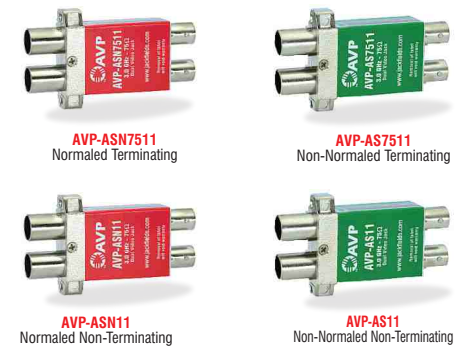
Mechanical Shock: Per MIL-STD-202, Method 213, Test condition I
 Vibration: Per MIL-STD-202, Method 201
 Insertion Force: 7 lbs. maximum
 Withdrawal Force: 3 lb. minimum
 Life cycle: 30,000 minimum

Material:

Housing: Zinc alloy, nickel plated
 Center Contacts: Copper alloy, gold plated
 Switching Contacts: Copper alloy, gold plated
 Grounding Contacts: Copper alloy, gold plated
 Actuators: Thermoplastic, UL 94V-0 rated
 BNC Insulators: Teflon



3.0GHz - 3Gb/s Standard Size Dual Video Jack Specifications



Electrical:

Rated Bandwidth: 3.0GHz - 3Gb/s: meets HDTV SMPTE 424M-2006 Specification
 Characteristic Impedance: 75 Ohms
 Return Loss: See typical Return Loss chart
 Insertion Loss: See typical Insertion Loss chart
 Contact Resistance: Less than 50 milliohms
 Termination Resistance: 75 Ohms ± 1%
 Center Conductor: Accepts 0.090" pin diameter

Environmental:

Operating Temperature: -40°C to 65°C
 Storage Temperature: -40°C to 65°C
 Thermal Shock: Per MIL-STD-202, Method 107
 Moisture and Humidity: Per MIL-STD-202, Method 106
 RoHS:

Mechanical:

Mechanical Shock: Per MIL-STD-202, Method 213, Test condition I
 Vibration: Per MIL-STD-202, Method 201
 Insertion Force: 12 lbs. maximum
 Withdrawal Force: 3 lbs. minimum
 Life cycle: 30,000 minimum

Material:

Housing: Zinc alloy, nickel plated
 Center Contacts: Copper alloy, gold plated
 Switching Contacts: Copper alloy, gold plated
 Grounding Contacts: Copper alloy, gold plated
 Actuators: Thermoplastic, UL 94V-0 rated
 BNC Insulators: Teflon

