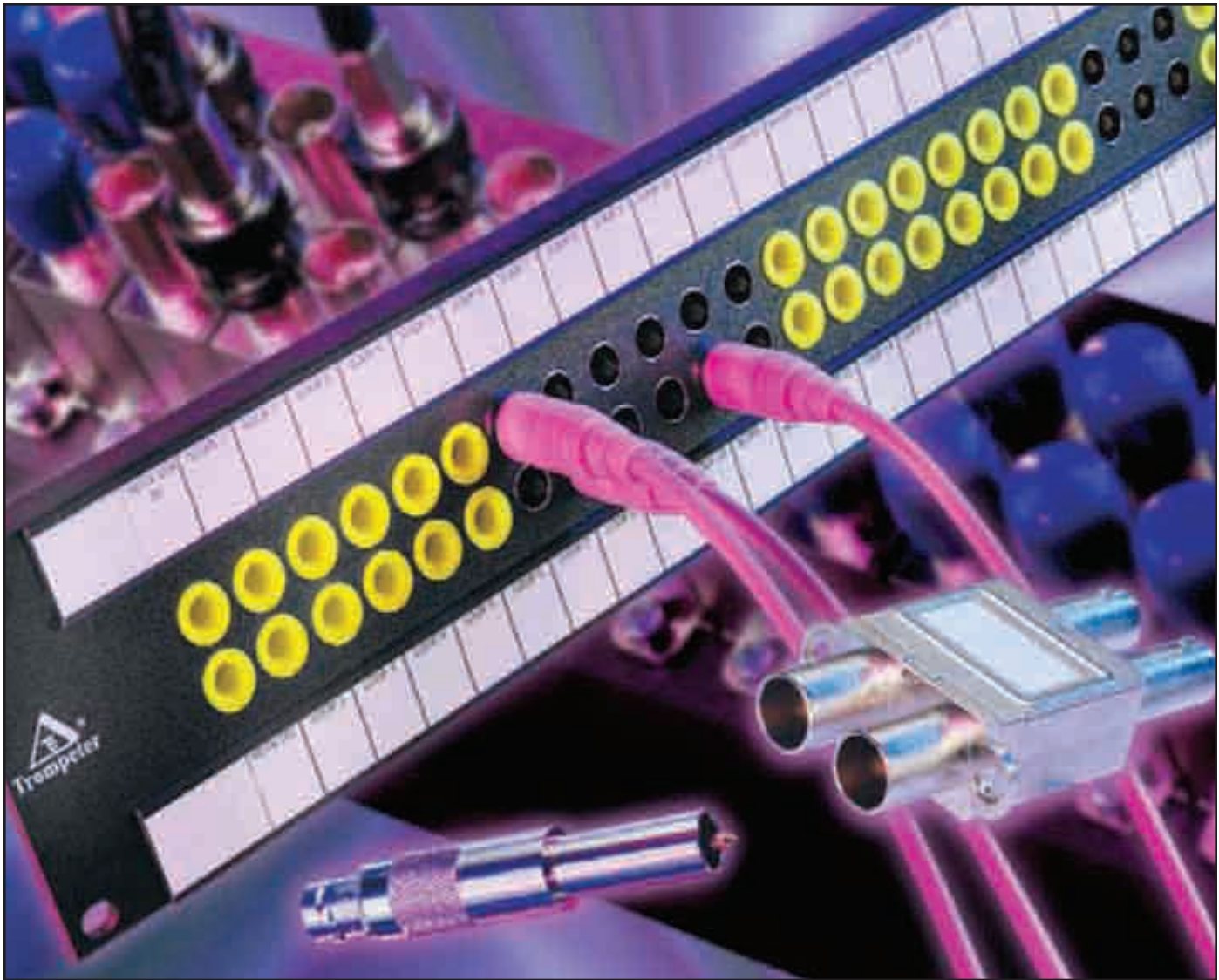


HDTV-READY HIGH FREQUENCY VIDEO JACKS

HDTV TRANSMISSION LINE NETWORK PRODUCT SOLUTIONS—ALL TRUE 75 OHM



FEATURE

BENEFIT

Heat-treated beryllium copper actuator, outer contact and center socket contacts

Long life, low contact resistance and consistent forces

50 millionths of an inch gold plating on center socket contacts

Excellent contact resistance over time

Dielectrics are made of Teflon™

Superior dielectric properties. Superior heat and chemical resistance.

Self-wiping normalizing switch

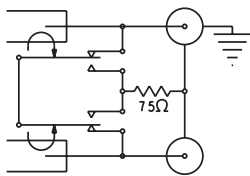
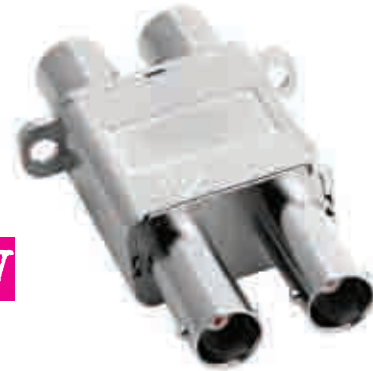
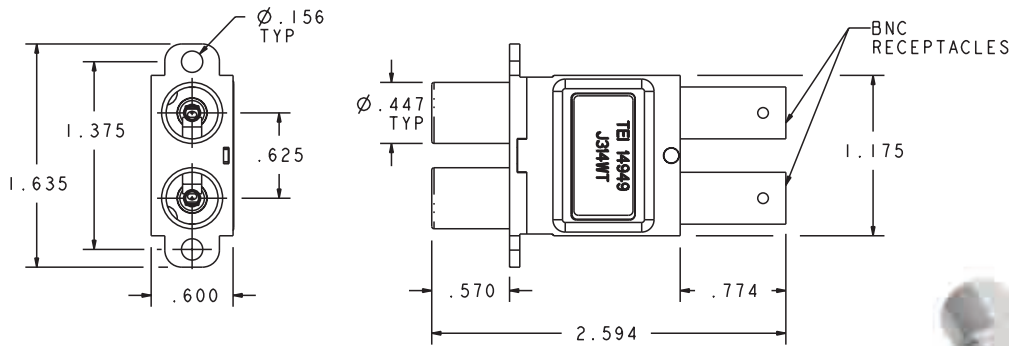
Positive, reliable electrical contact over time.

Low profile rugged die cast body

Long life normal-thru and terminating contacts in a light-weight package

HDTV READY HIGH FREQUENCY VIDEO JACKS

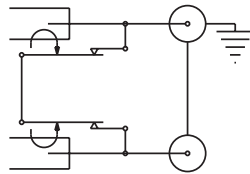
HDTV TRANSMISSION LINE NETWORK PRODUCT SOLUTIONS—ALL TRUE 75 OHM



HDVDPT

HDVDPT (Self-terminating)

Inserting a plug into the source side automatically terminates the load side. Insertion into the load side automatically terminates the source side. Either provides a resistive load to the unused side.



HDVDP

HDVDP (Non-terminated)

Inserting a plug into either side breaks the normalthrough. Normal-thru is BNC to BNC.



HDTV-Ready High Frequency 75 Ohm WECO Patch Jack, Normal-Thru, Dual Coaxial

Un-Terminated **HDVDP**
Terminated **HDVDPT**

Electrical Data

Characteristic Impedance	75 ohms nominal
Return Loss	Meets or exceeds the requirements of the following: SMPTE 292: S1, 1 < 15db from 5MHz to 1.485GHz SMPTE 424: S1, 1 < 15dB from 5MHz to 1.485 GHz, S1, 1 < 10dB from 1,485GHz to 3GHz
Time Domain Requirements	Meets or exceeds SMPTE 292 & 424
Termination Resistor	75 ohms

Mechanical Data

Weight	34.2 grams
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Material Data

Connector Housing	Zinc alloy, NI plated
Actuator and Center Conductors	Beryllium copper
Connector Dielectrics	PTFE



HDTV HIGH FREQUENCY MINI-WECO VIDEO PATCHING

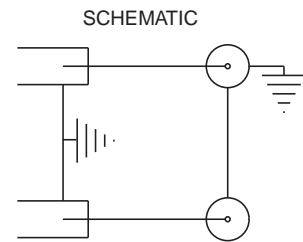
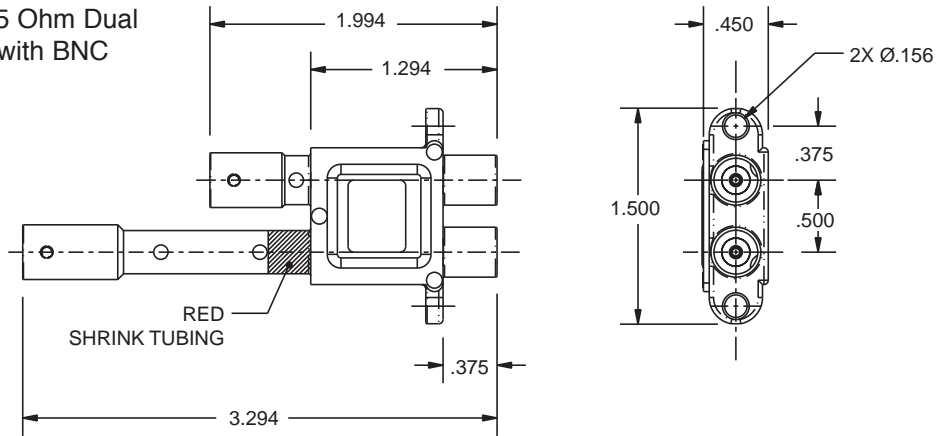
HDTV TRANSMISSION LINE NETWORK PRODUCT SOLUTIONS - ALL TRUE 75 OHM

The J315MW is superior quality, high bandwidth, dual video patch jack. This low profile, high performance component is designed for HDTV digital applications where space allocation is critical, such as in video truck application, and is ideal in those situations where self-normalling is not practical, usually due to environmental considerations such as high ambient airborne particles or high vibration. When used in conjunction

with the LPMWHF looping plug, a "normal-thru" circuit is achieved, which will pass a full 1.485 Gbps of uncompressed data (2.25 GHz of frequency) that is needed for HDTV, with return loss performance which exceeds SMPTE292M requirements. This high performance is maintained when patching from one location to another, using the PCMWB-L patch cord.

HDTV Ready High Frequency 75 Ohm Dual Coaxial Mini-WECO Patch Jack with BNC Receptacles

Un-Terminated **J315MW**



HDTV Ready High Frequency 75 Ohm Dual Coaxial WECO Patch Jack with BNC Receptacles

Un-Terminated **J315W**

