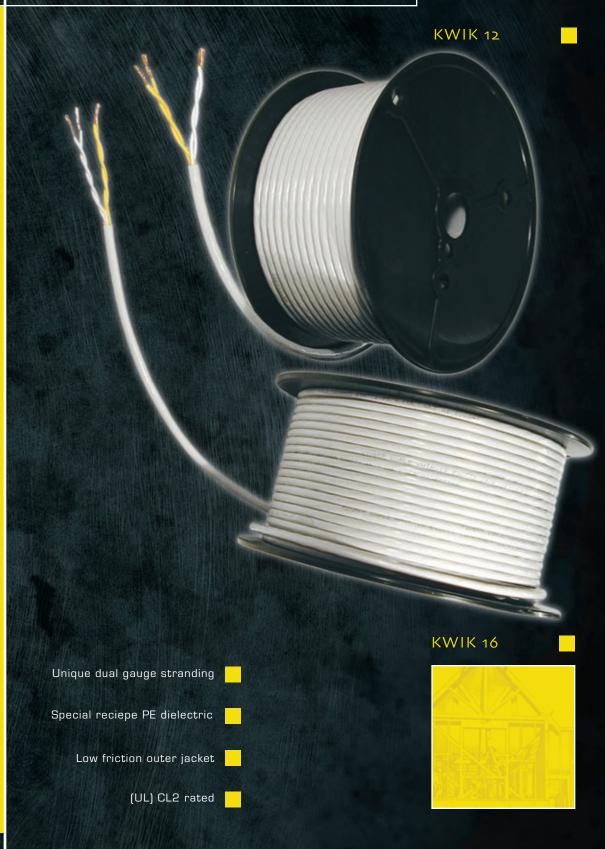
KWIK12 & 16 KIMBER WALL INSTALL KABLE



An installer's delight, a musical dream

Today's higher quality distributed sound and custom home theater installations need no longer be compromised by ordinary "contractor type" speaker cable. Using our OSCaRTM(Objective Subjective Correlation and Results) engineering process, KIMBER KABLE has engineered the KWIKTM to be audibly superior to all other custom install speaker cables. Keeping in mind the needs of in-wall and in-ceiling speakers, Kimber has designed the KWIK 16TM and KWIK 12TM to have incredible midrange clarity with tight and substantial mid-bass response. This is achieved through a unique dual-gauge strand configuration and our special recipe PE dielectric. A slippery off-white PVC outer jacket and convenient foot labeling have made the (UL) CL2 rated KWIKTM a huge success with custom installers.

KWIK 16TM

Our 16awg x 2 conductor speaker cable contains two white and two yellow conductors which must be combined in like colors to achieve the specified gauge and performance that was engineered into our KWIKTM series.

KWIK 12TM

Our 12awg x 2 conductor speaker cable contains two white and two yellow conductors which must be combined in like colors to achieve the specified gauge and performance that was engineered into our KWIKTM series.

(UL) CL2 rated

Our KWIK 16TM and KWIK 12TM have been rated and certified (UL) CL2.

Dual GaugeStrandConfiguration

One conductor of each color contains finer gauge copper strands while the other conductor of each color contains heavier gauge copper strands. When the two gauges are combined they serve to help minimize resonance within the cable stranding, thereby optimizing performance.

PE Conductor Dielectric

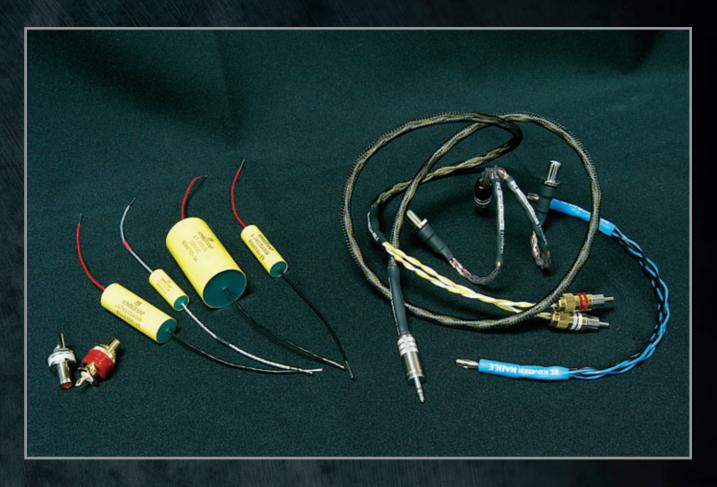
Far superior, both electrically and in terms of sound quality, to the commonly used PVC dielectric. PE provides a smoother, cleaner and more grain free sound.

Custom Install Friendly

The off-white PVC outer jacket is durable and pulls smoothly through studs without sticking or binding. The neutral color of the jacket is less objectionable, with regard to decor, should the cable become visible. In addition, convenient foot labeling makes it easier to track cable usage.

AVAILABLE THROUGH QUALIFIED KIMBER KABLE CUSTOM INSTALL DEALERS ONLY.

SPECIAL PRODUCTS



KIMBER KABLE also offers custom built cables for specialty applications. Headphone extensions, portable stereo cables, Y-cables, speaker jumpers, etc., may be available upon special request from your authorized KIMBER KABLE dealer. These specialty cables are available with a variety of connector options. WBT connectors may also be available on certain specialty cables. Also available is a female chassis mount version of our famous UltraplateTM RCA type connector, which is machined out of solid metal stock, features a solid Teflon® dielectric and incorporates our highly conductive and durable UltraplateTM contact finish.

Kimber Kaps

Our metalized polypropylene capacitors are designed specifically for high quality audio use. Each cap is meticulously hand-wound and constructed for a minimum of self inductance. Our Teflon® insulated Hyperpure copper conductor is used as the lead-out wire (silver leads available on a special order basis) and is precisely attached. They have exceptional inter-transient silence, high mechanical stability, and low leakage. They are also self-healing and reliable. KIMBER KAPS can be ordered through most KIMBER KABLE dealers. A list of standard values is available.

"Kimber Kaps are, by a very large margin, the best capacitors we can find. They set the reference for accuracy, neutrality, low distortion and musicality."

Russ Andrews, RAA Ltd.

TESTS & MEASUREMENTS

Over twenty five years of manufacturing, research and engineering have led KIMBER KABLE to explore in great detail the physical and electrical properties that influence signals and the correlation to sensory quality. Through our OSCaRTM (objective Subjective, Correlation and Results) engineering process KIMBER KABLE has developed many new proprietary procedures for testing, engineering, manufacturing and evaluating cable. This process has allowed us to make the vital link between scientific measurements and listening impressions.

The following precision laboratory test instruments are owned and operated in-house by KIMBER KABLE:

Yokogawa PZ4000 Power Analyzer

Klippel Analyzer System w/all modules and Laser Displacement meter

JTF Analysis System (Similar to HP 3587 except with higher 96/24 resolution)

Agilent 54624A 2 Mb Memory Mega Zoom Oscilloscope

CLIO Electro-Acoustic Analyzer

HP 4194A Impedance/Gain-Phase Analyzer

HP 4284A Precision LCR Meter

HP 4395A Network/Spectrum Impedance Analyzer

HP 87511A 500 MHz S-Parameter Test Set

HP 33120A Function/Arbitrary Waveform Generator

HP 3458A Digital Multimeter

HP 1141A & 1142A 200 MHz Differential Probe and Control Module

HP 4338B Milliohmmeter

HP 54616C 500 MHz Color Oscilloscope

Rhode & Schwartz Audio Analyzer UPD-05.1030

Other in-house test systems and components include: LEAP, MLSSA, Linear X, TEF 20 Spatial Analyzer & TEF Pad, HP3325B, Tektronix 4284A Oscilloscope, Tektronix 2247A Oscilloscope/Counter Timer, Tektronix CFG280 Function Generator, Tektronix TDS3012 Color Oscilloscope, Tektronix 2201, Brüel & Kjær 4007, ACO 4012, IVIE IE-30 Audio Analyzer, Spellman SL150 High Voltage Power Supply, Audio Control Industrial SA-3050A Third Octave RTA, S.C.V. PC 80 Phase Checker, Sencore PR 57, Sencore LC53, Leader LCR-740, Morrell MI-10, Meiji EMZ-TR Microscope.

For production testing and quality assurance we use the following basic parameters:

Rdc: (resistance) basic dc resistance.

X: (reactance) ac resistance due to the capacitance and inductance of the cable; a frequency dependent property.

Xc: capacitive reactance. Xl: inductive reactance.

Z: (impedance) total electrical opposition due to both ac reactance and dc resistance; a frequency dependent property.

Cp:

C: ability to store energy in electrostatic fields. Cp: parallel aspect of capacitance.

Ls:

L: ability to store energy in magnetic fields. Ls: series inductance.

Gain / Phase testing:

Gain (the increase or loss of signal) and Phase test for the cables variances caused by the C, L, R and other numerous properties of the cable system.

Crosstalk testing:

Conductors were separated at the amplifier end.

These test parameters are used for production testing and in-house comparisons. Other extensive tests such as: RF broad band tests, T/R gain/phase, R/T-GAMA, R/T-THETA, S-PARAMETERS, etc. are used in research diagnostics. Our research diagnostics further includes listening evaluation. Correlations between sensory and electrical measurements are proprietary.

ANALOG INTERCONNECTS

Tonik

Basic Electrical Specifications

DUT: Tonik 1m terminated with Ultratike™ RCA type connectors.

(Cp) parallel capacitance: 52.0 pF @ 20 kHz
 (Ls) series inductance: 0.772 μH @ 20 kHz

• (Rdc) dc loop resistance:: 0.055 Ω

• (Xt) total reactance: 0.098 Ω @ 20 kHz

• Frequency response ±0.5 dB dc – 2.8 MHz

Timbre

Minimum Electrical Specifications

DUT: Timbre 1.om terminated with Ultraplate™ Blk RCA type connectors.

(Cp) parallel capacitance:
 (Ls) series inductance:
 62.1 pF @ 20 kHz
 0.493 μH @ 20 kHz

• (Rdc) dc loop resistance:: 0.057 Ω

• (Xt) total reactance: 0.065 Ω @ 20 kHz

• Frequency response ±0.5 dB dc – 5 MHz

PBJ

Basic Electrical Specifications

DUT: PBJ 1m terminated with Ultraplate™ RCA type connectors.

• (Cp) parallel capacitance: 55.0 pF @ 20 kHz • (Ls) series inductance: 0.770 µH @ 20 kHz

• (Rdc) dc loop resistance: 0.053 Ω

• (Xt) total reactance: 0.097 Ω @ 20 kHz

• Frequency response ±0.5 dB dc – 3 MHz

Hero

Basic Electrical Specifications

DUT: Hero 1m terminated with WBT-0144 RCA type connectors.

(Cp) parallel capacitance: 76.5 pF @ 20 kHz
 (Ls) series inductance: 0.401 μH @ 20 kHz

• (Rdc) dc loop resistance: 0.033 Ω

• (Xt) total reactance: 0.051 Ω @ 20 kHz

• Frequency response ±0.5 dB dc – 8 MHz

Silver Streak Single Ended

Basic Electrical Specifications

DUT: Silver Streak SE 1m terminated with WBT-0147 RCA type connectors.

• (Cp) parallel capacitance: 53.0 pF • (Ls) series inductance: 0.750 µl

• (Rdc) dc loop resistance:

(Rac) ac loop resistance.

• (Xt) total reactance:

53.0 pF @ 20 kHz 0.750 μH @ 20 kHz

0.061 Ω

0.095 Ω @ 20 kHz

• Frequency response ±0.5 dB dc – 10 MHz

Tonik Balanced

Basic Electrical Specifications

DUT: Tonik 1m terminated with Ultratike™ RCA type connectors.

(Cp) parallel capacitance: 43.9 pF @ 20 kHz
(Ls) series inductance: 1.05 μH @ 20 kHz

• (Rdc) dc loop resistance:: 0.0961 Ω

• (Xt) total reactance: 0.131 Ω @ 20 kHz • Frequency response ±0.5 dB dc – 2.8 MHz

Timbre Balanced

Minimum Electrical Specifications

DUT: Timbre 1.om terminated with Ultraplate™ Blk RCA type connectors.

(Cp) parallel capacitance: 45.8 pF @ 20 kHz
 (Ls) series inductance: 1.00 μH @ 20 kHz

• (Rdc) dc loop resistance:: 0.0822Ω

• (Xt) total reactance: 0.124 Ω @ 20 kHz

• Frequency response ±0.5 dB dc – 5 MHz

PBJ Balanced

Basic Electrical Specifications

DUT: PBJ 1m terminated with XLR type connectors.

• (Cp) parallel capacitance: 45.70 pF @ 20 kHz • (Ls) series inductance: 1.01 µH @ 20 kHz

• (Rdc) dc loop resistance: 0.0836 Ω

• (Xt) total reactance: 0.128 Ω @ 20 kHz

• Frequency response ±0.5 dB dc - 3 MHz

Hero Balanced

Basic Electrical Specifications

DUT: Hero 1m terminated with XLR type connectors.

• (Cp) parallel capacitance: 33.10 pF @ 20 kHz • (Ls) series inductance: 1.13 µH @ 20 kHz

• (Rdc) dc loop resistance: 0.081 Ω

• (Xt) total reactance: 0.143 Ω @ 20 kHz

• Frequency response ±0.5 dB dc – 8 MHz

Silver Streak Balanced

Basic Electrical Specifications

DUT: Silver Streak Balanced 1m terminated with XLR type connectors.

(Cp) parallel capacitance: 37.10 pF @ 20 kHz
 (Ls) series inductance: 1.07 μH @ 20 kHz

• (Rdc) dc loop resistance: 0.105 Ω

• (Xt) total reactance: 0.135 Ω @ 20 kHz

• Frequency response ±0.5 dB dc - 10 MHz

ANALOGINTERCONNECTS CONT.

KCAG

Basic Electrical Specifications

DUT: KCAG 1m terminated with WBT-0147 RCA type connectors.

• (Cp) parallel capacitance: 51.0 pF @ 20 kHz • (Ls) series inductance: 0.71 μH @ 20 kHz

• (Rdc) dc loop resistance: 0.065 Ω • (Xt) total reactance: 0.087 Ω @ 20 kHz

• Frequency response ±0.5 dB dc – 10 MHz

KCAG Balanced

Basic Electrical Specifications

DUT: KCAG 1m terminated with XLR type connectors.

• (Cp) parallel capacitance: 37.10 pF @ 20 kHz • (Ls) series inductance: 1.05 μH @ 20 kHz

• (Rdc) dc loop resistance: 0.119 Ω

• (Xt) total reactance: 0.132 Ω @ 20 kHz

• Frequency response ±0.5 dB dc – 10 MHz

GQ - Mini Cu

Basic Electrical Specifications

DUT: GQ - Mini Cu 1m terminated with 1/8" mini Standard connector and Kimber Ultraplate™ RCA type connectors.

• (Cp) parallel capacitance: 61.0 pF @ 20 kHz • (Ls) series inductance: 0.84 μH @ 20 kHz

• (Rdc) dc loop resistance:

• (Xt) total reactance: • Frequency response ±0.5 dB dc - 5Mhz

• Crosstalk @ -6odB

0.089 Ω

0.104 Ω @ 20 kHz

92.0 kHz

GQ - Mini HB

with 1/8" mini Gold and WBT® -0147 connectors.

58.0 pF @ 20 kHz 0.81 μH @ 20 kHz 0.087 Ω 0.097 Ω @ 20 kHz dc - 8 MHz 150.0 kHz

GQ - Mini Aq

with 1/8" mini Gold and WBT® -0147 connectors.

54.0 pF @ 20 kHz 0.77 μH @ 20 kHz 0.082 Ω 0.096 Ω @ 20 kHz dc - 10MHz 360.0 KHz

PHONO INTERCONNECTS

Basic Electrical Specifications

DUT: TAK 1m terminated with Ultraplate™ RCA type connectors.

• (Cp) parallel capacitance: 47.10 pF @ 20 kHz • (Ls) series inductance: 1.31 μH @ 20 kHz • (Rdc) dc loop resistance: 0.119 Ω Ground/Shield: R: 0.065 Ω X: 0.359

• (Xt) total reactance: 0.162 Ω @ 20 kHz

• Frequency response ±0.5 dB dc - 5 MHz

 Crosstalk @ -6odB 92.0 kHz TAK H

TAK Ad

46.90 pF @ 20 kHz 0.901 μH @ 20 kHz 0.105 Ω

R: 0.061 Ω X: 0.310 0.160 Ω @ 20 kHz dc - 8 MHz

150.0 kHz

46.50 pF @ 20 kHz 0.89 μH @ 20 kHz 0.089 Ω

R: 0.046 Ω X: 0.257 0.120 Ω @ 20 kHz dc - 10 MHz

360.0 kHz

VIDEO INTERCONNECTS

S Video Cu

Basic Electrical Specifications

DUT: S Video Cu 1m terminated.

• (Cp) parallel capacitance: • (Ls) series inductance:

• (Rdc) dc loop resistance: • (Xt) total reactance:

Frequency response ±0.5 dB

• Crosstalk @ -3odB

73.50 pF @ 20 kHz 1.08 μH @ 20 kHz

0.254 Ω

o.0068 Ω @ 20 kHz dc - 15 MHz

4.0 MHz

5 Video Aq

62.40 pF @ 20 kHz 0.818 μH @ 20 kHz

0.201 Ω

0.0051 Ω @ 20 kHz dc - 20 MHz

6.0 MHz

Basic Electrical Specifications

DUT: V-21 1m terminated with Ultraplate™ RCA type connectors.

• (Cp) parallel capacitance: • (Ls) series inductance:

• (Rdc) dc loop resistance: • (Xt) total reactance: • Frequency response ±0.5 dB dc - 15 MHz

60.10 pF @ 20 kHz 0.487 μH @ 20 kHz 0.164 Ω

0.073 Ω @ 20 kHz

DIGITAL INTERCONNECTS

Basic Electrical Specifications

DUT: DV-30 1m terminated with Ultraplate™ RCA type connectors.

• (Cp) parallel capacitance: • (Ls) series inductance:

• (Rdc) dc loop resistance:

• (Xt) total reactance: • Frequency response ±0.5 dB dc – 20 MHz

62.50 pF @ 20 kHz 0.505 μH @ 20 kHz

0.114 Ω

0.064 Ω @ 20 kHz

D-60

Basic Electrical Specifications

DUT: D-60 1m terminated with Ultraplate™ RCA type connectors.

• (Cp) parallel capacitance: • (Ls) series inductance:

• (Rdc) dc loop resistance: • (Xt) total reactance:

• Frequency response ±0.5 dB dc - 40 MHz

55.20 pF @ 20 kHz 0.502 μH @ 20 kHz

0.115 Ω

0.0032 Ω @ 20 kHz

DV-75

Basic Electrical Specifications

DUT: DV-75 1m terminated with Ultraplate™ RCA type connectors.

• (Cp) parallel capacitance: • (Ls) series inductance:

• (Rdc) dc loop resistance:

• (Xt) total reactance:

0.163 Ω 0.083 Ω @ 20 kHz

78.10 pF @ 20 kHz

0.67 μH @ 20 kHz

• Frequency response ±0.5 dB dc - 20 MHz

AGDL XLR

Basic Electrical Specifications

DUT: AGDL 1m terminated with XLR type connectors.

 (Cp) parallel capacitance: • (Ls) series inductance:

(Rdc) dc loop resistance:

• (Xt) total reactance: • Frequency response ±0.5 dB dc - 10 MHz

37.10 pF @ 20 kHz 1.05 μH @ 20 kHz

0.119 Ω

0.132 Ω @ 20 kHz

Basic Electrical Specifications

DUT: Orchid 1m terminated with XLR type connectors.

• (Cp) parallel capacitance: • (Ls) series inductance:

• (Rdc) dc loop resistance: • (Xt) total reactance:

47.10 pF @ 20 kHz 1.06 µH @ 20 kHz

0.331 Ω

0.134 Ω @ 20 kHz • Frequency response ±0.5 dB dc – 20 MHz

Loudspeaker CABLES

Basic Electrical Specifications

DUT: 4PR 2.5m bare wire ends.

• (Cp) parallel capacitance: • (Ls) series inductance: • (Rdc) dc loop resistance:

(Xt) total reactance: • Frequency response ±0.5 dB dc – 100 kHz

312.0 pF @ 20 kHz 0.654 μH @ 20 kHz 0.041 Ω

0.0825 Ω @ 20 kHz

Basic Electrical Specifications

DUT: 8PR 2.5m bare wire ends.

• (Cp) parallel capacitance: 742.0 pF @ 20 kHz • (Ls) series inductance: 0.459 μH @ 20 kHz • (Rdc) dc loop resistance: 0.021 Ω

• (Xt) total reactance: 0.057 Ω @ 20 kHz • Frequency response ±0.5 dB dc - 50 kHz

4VS

Basic Electrical Specifications

DUT: 4VS 2.5m 2.5m bare wire ends.

• (Cp) parallel capacitance: 340.0 pF @ 20 kHz • (Ls) series inductance: 0.596 μH @ 20 kHz • (Rdc) dc loop resistance: 0.041 Ω

0.075 Ω @ 20 kHz • (Xt) total reactance:

• Frequency response ±0.5 dB dc - 250 kHz

Basic Electrical Specifications

DUT: 8VS 2.5m bare wire ends.

• (Cp) parallel capacitance: 744.0 pF @ 20 kHz • (Ls) series inductance: 0.378 μH @ 20 kHz

• (Rdc) dc loop resistance:: 0.021 Ω

0.047 Ω @ 20 kHz • (Xt) total reactance: • Frequency response ±0.5 dB dc – 150 kHz

4TC

Basic Electrical Specifications

DUT: 4TC 2.5m bare wire ends.

 (Cp) parallel capacitance: 362.0 pF @ 20 kHz • (Ls) series inductance: 0.715 µH @ 20 kHz • (Rdc) dc loop resistance: 0.038 Ω • (Xt) total reactance: 0.071 Ω @ 20 kHz

Frequency response ±0.5 dB dc – 500 kHz

8TC

Basic Electrical Specifications

DUT: 8TC 2.5m bare wire ends.

821.0 pF @ 20 kHz • (Cp) parallel capacitance: • (Ls) series inductance: 0.345 µH @ 20 kHz

• (Rdc) dc loop resistance: 0.018 Ω

• (Xt) total reactance: 0.044 Ω @ 20 kHz • Frequency response ±0.5 dB dc – 300 kHz

Basic Electrical Specifications

DUT: MX 2.5m terminated with WBT-o66o-Cu spades.

• (Cp) parallel capacitance: 789.0 pF @ 20 kHz (Ls) series inductance: 0.946 μH @ 20 kHz (Rdc) dc loop resistance: 0.036 Ω

• (Xt) total reactance: 0.115 Ω @ 20 kHz • Frequency response ±0.5 dB dc - 750 kHz

Monocle XL™

Basic Electrical Specifications

DUT: MXL 2.5m terminated with WBT-o66o-Cu spades.

• (Cp) parallel capacitance: 1,199.0 pF @ 20 kHz • (Ls) series inductance: 0.874 μH @ 20 kHz • (Rdc) dc loop resistance: 0.015 Ω

• (Xt) total reactance: 0.109 Ω @ 20 kHz Frequency response ±0.5 dB dc −1 MHz

Refer to page 73 for parameters of test.

"BI-WIRE" LOUDSPEAKER CABLES

BiFocal X™

Basic Electrical Specifications

DUT: BFX 2.5m terminated with WBT-0660-Cu spades.

(Cp) parallel capacitance:
 (Ls) series inductance:
 (Ls) series inductance:
 0.470 μH @ 20 kHz

• (Rdc) dc loop resistance: 0.064 Ω

• (Xt) total reactance: 0.168 Ω @ 20 kHz

Frequency response ±0.5 dB High: dc – 750 kHz
 Low: dc – 750 kHz

• Crosstalk 20 – 100 Hz: < –98 dB • Crosstalk 200 Hz – 1 kHz: < –79 dB

• Crosstalk 1 kHz – 30 kHz: < -59 dB

BiFocal XL™

Basic Electrical Specifications

DUT: BFXL 2.5m terminated with WBT-o66o-Cu spades.

(Cp) parallel capacitance: 1,500.0 pF @ 20 kHz
 (Ls) series inductance: 0.369 μH @ 20 kHz

• (Rdc) dc loop resistance: 0.024 Ω

• (Xt) total reactance: 0.046 Ω @ 20 kHz • Frequency response ±0.5 dB High: dc – 1.5 MHz

Low: dc – 1.5 MHz

• Crosstalk 20 – 100 Hz: < –99 dB • Crosstalk 200 Hz – 1 kHz: < –80 dB

• Crosstalk 1 kHz – 30 kHz: < –60 dB

"TRI-WIRE" LOUDSPEAKER CABLES

TriFocal X™

Basic Electrical Specifications

DUT: TFX 2.5m terminated with WBT-0660-Cu spades.

• (Cp) parallel capacitance: 1,150.0 pF @ 20 kHz

• (Ls) series inductance: 0.543 μ H @ 20 kHz • (Rdc) dc loop resistance: 0.014 Ω

• (Xt) total reactance: 0.068 Ω @ 20 kHz

• Frequency response ±0.5 dB High: dc – 750 kHz • Frequency

Med: dc – 750 kHz Low: dc – 750 kHz

• Crosstalk Low-Mid 20 – 100 Hz: < -98 dB

• Crosstalk Low-Mid 200 Hz – 1 kHz: < –79 dB

• Crosstalk Low-Mid 1 kHz – 30 kHz: < –59 dB

• Crosstalk Mid-High 20 – 100 Hz: < –99 dB

• Crosstalk Mid-High 200 Hz – 1 kHz: < –80 dB

• Crosstalk Mid-High 1 kHz – 30 kHz: < -60 dB

TriFocal XIT

Basic Electrical Specifications

DUT: TFXL 2.5m terminated with WBT-o66o-Cu spades.

• (Cp) parallel capacitance: 1,760.0 pF @ 20 kHz • (Ls) series inductance: 0.425 µH @ 20 kHz

• (Rdc) dc loop resistance: 0.009Ω

• (Xt) total reactance: 0.053 Ω @ 20 kHz

• Frequency response ±0.5 dB High: dc - 1.0 MHz

Med: dc – 1.0 MHz Low: dc – 1.0 MHz

• Crosstalk Low-Mid 20 – 100 Hz: < –100 dB

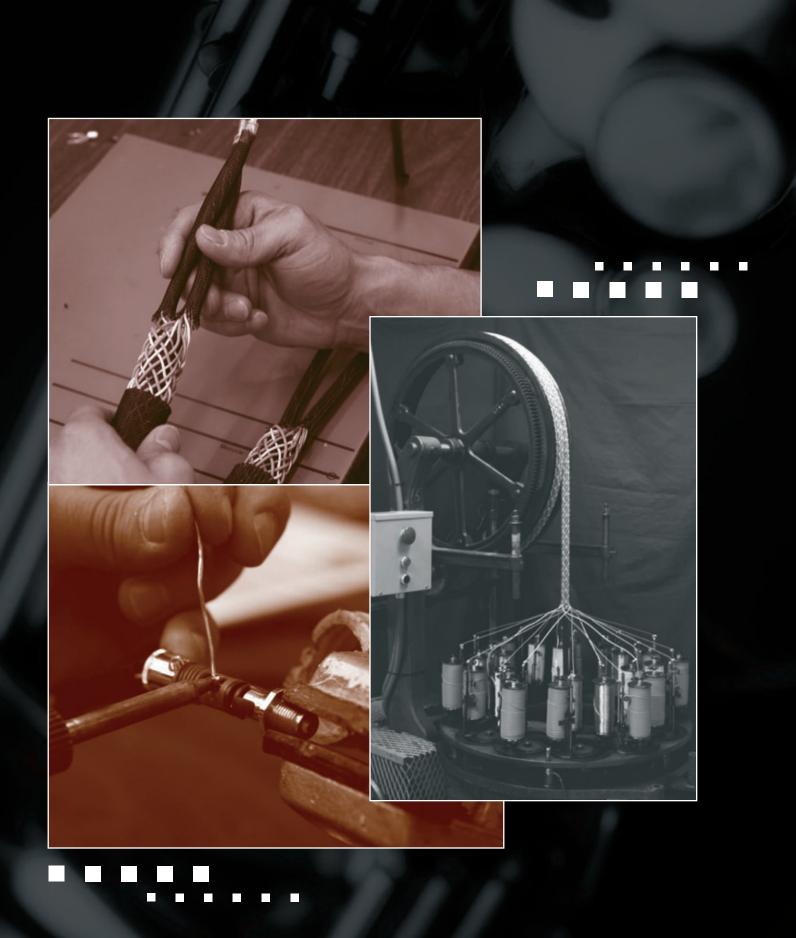
• Crosstalk Low-Mid 200 Hz – 1 kHz: < -81 dB

• Crosstalk Low-Mid 1 kHz – 30 kHz: < -61 dB

• Crosstalk Mid-High 20 – 100 Hz: < –102 dB

• Crosstalk Mid-High 200 Hz – 1 kHz: < –82 dB

• Crosstalk Mid-High 1 kHz – 30 kHz: < -62 dB





KIMBER KABLE

Music in Harmony with Science



Visit our website or contact KIMBER KABLE for more information and nearest dealer.

2752 South 1900 West • Ogden, Utah 84401 phone: 801-621-5530 fax: 801-627-6980 www.kimber.com

Products and specifications subject to change without notice.

© KIMBER KABLE 2007