

6 GHz - 4K Miniature 23AWG Digital Video Coax Riser

Part No.: RGMINI23HDSDI

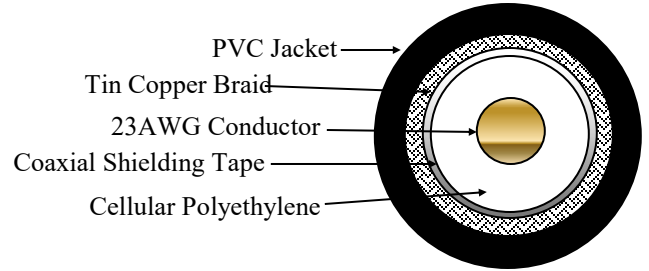
ETL listed for guaranteed performance
Made in the USA

Applications

This document establishes the specifications for a precision 6 GHz miniature 23awg coax used for HD/SDI, standard SDI or high resolution video applications.

Construction Details

Center conductor: 23AWG Solid Bare Copper
 Dielectric: Cellular Polyethylene 0.100 in OD.
 1st shield: Coaxial Shielding Tape
 2nd shield: Tin Copper Braid 95% Coverage
 Jacket material: Polyvinyl Chloride
 Nominal Diameter: 0.159 in.
 Jacket Color: Per Customer Requirement
 Surface Print: 3122598 MINIATURE 23AWG PRECISION
 COAX TYPE CMR C(ETL)US FT4
 SWEPT TO 6.0 GHZ MADE IN USA +
 Sequential Footage Marking



Technical Details

Operating Temperature	-30°C to 75°C
Wt/1M'	18 lbs.
Bend radius	1.5" Min.
Pulling Tension	35 lbs. Max.

Codes & Listings

- C(ETL)US CMR FT4

Electricals

Capacitance: 16.4 pF/ft, nominal
 Characteristic impedance: 75 ohms, nominal
 Velocity of propagation: 83% nominal
 Conductor DC Resistance: 20.0 ohms/1M'
 Return Loss: >23 dB (1 MHz—1.5 GHz)
 >21 dB (1.5 GHz—4.5 GHz)
 >15 dB (4.5 GHz—6.0 GHz)

Frequency	1 MHz	3.6 MHz	10 MHz	71.5 MHz	135 MHz	270 MHz	360 MHz	720 MHz	1 GHz	1.5 GHz	2.25 GHz	3 GHz	4.5 GHz	6 GHz
Attenuation dB/100 feet	0.38	0.78	1.20	3.0	3.8	5.4	6.2	9.3	10.5	13.0	16.0	18.5	22.8	28.9
Attenuation dB/100 meters	1.3	2.6	3.9	9.8	12.5	17.7	20.3	30.5	34.4	42.6	52.5	60.7	74.8	94.8

Data rate	270 Mb/s SMPTE 259	360 Mb/s SMPTE 259	1.5 Gb/s SMPTE 292	3 Gb/s SMPTE 424	6 Gb/s SMPTE ST1081-1	Dual-link 6Gb/s SMPTE ST-2081-1	Quad -LINK 12 Gb/s SMPTE ST2082
Max. Distance (typical)	790'	681'	185' - 315'	135' - 211'	207'	302'	302'



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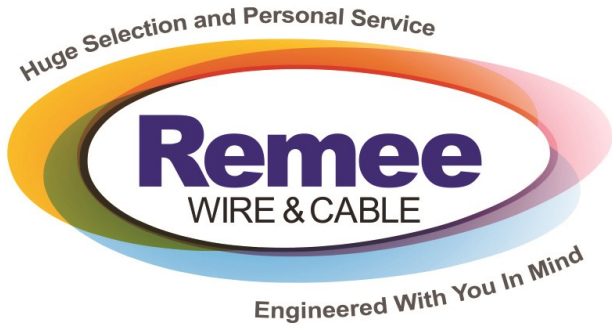


Issue Date: 04/19
 Revision: 0

All warranty information can be viewed at WWW.REMEE.COM.

This product is RoHS compliant to directive 2002/95/EC .

PO Box 488 468 RT17A Florida, NY 10921
 Customer Service: 800-431-3864 Fax: 845-651-4160 Website: www.remee.com



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Preparation For Shipment

The cable shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cables due to shipment.

Note: While Remeë Products Corp. has made every reasonable effort to ensure the accuracy of the information in this document, Remeë Products Corp. does not guarantee that it is error-free, nor does Remeë Products Corp. make any other representation, warranty, or guarantee that the information is accurate, correct, reliable or current. Remeë Products Corp. reserves the right to make any adjustments to the information contained herein at any time without notice. Remeë Products Corp. expressly disclaims all implied warranties regarding the information contained herein, including but not limited to, any implied warranties of merchantability or fitness for particular purpose. The dimensions in this document are for reference purposes only and are subject to change without notice.

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.

Signature: _____
Company: _____
Date: _____



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