

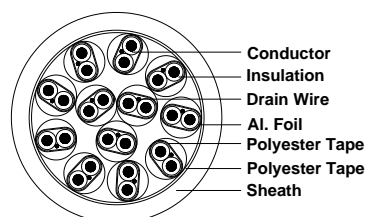
## Part No: RW131224VI

Description	(7/0.2TC x 1P + PE + Drain Wire + Al. Foil + Polyester Tape) x 12C + Polyester Tape + PVC Sheath $\Phi$ 15.3mm
Applicable Standards	AES/EBU
Suitable Applications	For applications requiring 110 ohm low capacitance balanced cables, such as AES/EBU digital audio in broadcast, studios and other commercial sound applications. Can be used for any balanced analogue audio signals.

### Cable Construction Drawing



### Cable Construction Relative Parts



### Cable Description

Conductor	7/0.2+/-0.006TC
Insulation	Pair: 12 Material: PE Colour: Black/Red, Black/White, Black/Green, Black/Blue, Black/Yellow, Black/Brown, Black/Orange, Red/White, Red/Green, Red/Blue, Red/Yellow, Red/Brown Min. Thickness 0.42mm / Nom. Thickness $\geq$ 0.50mm / Nom. O.D 1.6+/-0.1mm
Drain Wire	7/0.2+/-0.006TC
Screen	Al. Foil, Polyester Tape 100% Coverage  Material: PVC / Colour: Violet
Sheath	Min. Thickness 1.32mm / Nom. Thickness $\geq$ 1.65mm / Nom. Sheath O.D15.3+/-0.2mm  Spark Voltage: 3000V a.c

### Electrical Properties

Conductor Max D.C Resistance	93.25 ohm/km 20°C
Characteristic Impedance	110 ohm
Mutual Capacitance: Core to Core	15.5±2 pf/ft @ 1KHz
Mutual Capacitance: Core to Shield	31±2 pf/ft @ 1KHz
Voltage Test: Core to Core	1000V a.c/1min
Voltage Test: Core to Screen	1000V a.c/1min

### Physical Properties

Sheath Elongation	≥100%
Sheath Tensile Strength	≥12 N/mm <sup>2</sup>
Flame Test	VW-1

### Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	360N
Min. Bend Radius (install)	153mm
Approximate Mass	24.16kg/100m
Sheath Printing	ROADWORX RW131224 Digital Audio Snake, 12 pair, 110 Ohm Low Capacitance, 24AWG (meter marking)

### Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Pack	Qty Per Pallet
500m	Wooden Reel	W58 x H42.4cm	1R	

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	<b>Sales</b>		28-03-2013	LLS
Change History	Issue	Change		