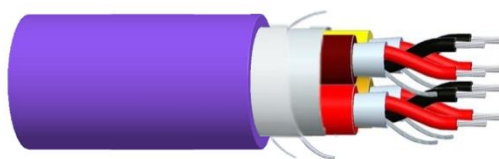


## Part No: RW120424VI

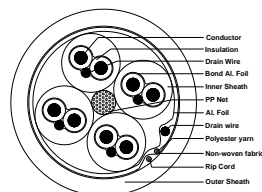
# Audio Cable

Description	(7/0.203TC x 1P + Foam PE Insulation + Drain Wire + Bonded Al. Foil + PVC Inner Sheath) x 4C + PP Net + Al. Foil + Drain Wire + Polyester yarn + Non-woven fabrics + Rip Cord + PVC Outer Sheath O.D 12.8mm
Applicable Standards	Reference to Belden 1803F
Suitable Applications	Used extensively for Audio systems. *Not intended for direct connection to mains power.

### Cable Construction Drawing



### Cable Construction Relative Parts



### Cable Description

Conductor	7/0.203+/-0.006TC
Insulation	Pairs: 4 Material: Foam PE Colour: Red/Black Min. Thickness 0.35mm / Nom. Thickness $\geq 0.5\text{mm}$ / Nom. O.D 1.73+/-0.1mm
Drain Wire	7/0.203+/-0.006TC
Screen	Bonded Al. Foil Coverage 100%
Inner Sheath	Material: PVC / Colour: Brown and Numbered 1, Red and Numbered 2, Orange and Numbered 3, Yellow and Numbered 4 Min. Thickness 0.24mm / Nom. Thickness $\geq 0.4\text{mm}$ / Nom. Sheath O.D 4.4+/-0.2mm Spark Voltage: 3000V a.c
Filler	Material: PP Net

Overall Screen	Al. Foil Coverage 100%
Drain Wire	19/0.3+/-0.006TC
Filler	Material : Polyester yarn
	Material : Non-woven fabrics
	Material : Rip Cord
Outer Sheath	Material: PVC / Colour: Violet
	Min. Thickness 0.66mm / Nom. Thickness $\geq 0.9$ mm / Nom. Sheath O.D 12.8+/-0.3mm
	Spark Voltage: 3000V a.c

### Electrical Properties

Rated Voltage	300V							
Conductor Max D.C Resistance	89ohm/km 20°C							
Nom. Characteristic Impedance	110ohm							
Nom. Capac. Conductor to Cond.	50pF/m (1KHz)							
Voltage Test: Core to Core	1.5kV dc/1min							
Voltage Test: Core to Shield	1.5kV dc/1min							
Nom. Attenuation (dB/100m)	(MHz)	1.024	1.4112	1.536	2.048	2.8224	3.072	4.096
	(dB)	3.51	3.90	3.97	4.3	4.63	4.76	5.15
	(MHz)	5.6448	6.144	8.192	11.29	12.288	24.576	-
	(dB)	5.77	6.0	6.6	7.35	7.54	10.1	-

### Physical Properties

Inner Sheath Elongation	$\geq 100\%$
Inner Sheath Tensile Strength	$\geq 12$ N/mm <sup>2</sup>
Outer Sheath Elongation	$\geq 100\%$
Outer Sheath Tensile Strength	$\geq 12$ N/mm <sup>2</sup>

### Mechanical Properties

Operating Temperature Range	-20 to 75°C
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Max. Recommended Pulling Tension	285N
Min. Bend Radius (install)	128mm
Approximate Mass	17.5kg/100m
Sheath Printing	TBA

### Supply Information

P/N	Pack Size	Pack Type	Dimensions	Qty Per Carton
GCC1911-0432VT305m	305m	Wooden Reel	W56 x H39.4cm	1R

Document Change Record	Issue	Date	Prepared by	Approved By
	01	10-01-2020	YDM	LQM
Change History	Issue	Change		