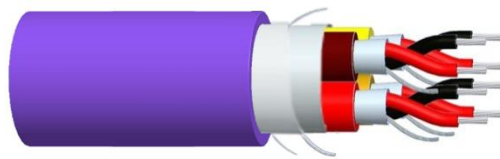


Part No: RW120824VI

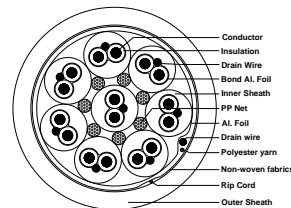
Audio Cable

Description	(7/0.203TC x 1P + Foam PE Insulation + Drain Wire + Bonded Al. Foil + PVC Inner Sheath) x 8C + PP Net + Al. Foil + Drain Wire + Polyester yarn + Non-woven fabrics + Rip Cord + PVC Outer Sheath O.D 17.2mm
Applicable Standards	Reference to Belden 1805F
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: 8
Material: Foam PE
Colour: Red/Black
Min. Thickness 0.35mm / Nom. Thickness $\geq 0.5\text{mm}$ / Nom. O.D $1.73+/-0.1\text{mm}$

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, Green and Numbered 5, Blue and Numbered 6, Purple and Numbered 7, Grey and Numbered 8

Min. Thickness 0.24mm / Nom. Thickness $\geq 0.4\text{mm}$ / Nom. Sheath O.D $4.4+/-0.2\text{mm}$

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 0.92mm / Nom. Thickness $\geq 1.2\text{mm}$ / Nom. Sheath O.D 17.2+/-0.4mm
	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	$\geq 12\text{N/mm}^2$
Outer Sheath Elongation	$\geq 100\%$
Outer Sheath Tensile Strength	$\geq 12\text{N/mm}^2$

Mechanical Properties

Operating Temperature Range	-20 to 75°C
Max. Recommended Pulling Tension	475N
Min. Bend Radius (install)	172mm
Approximate Mass	32.5kg/100m
Sheath Printing	TBA

Supply Information

P/N	Pack Size	Pack Type	Dimensions	Qty Per Carton
GCC1911-0433VT305m	305m	Wooden Reel	W70 x H46cm	1R

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