

Parallel Audio Cable

2-22AWG, Screened, PVC Insulation and Sheath

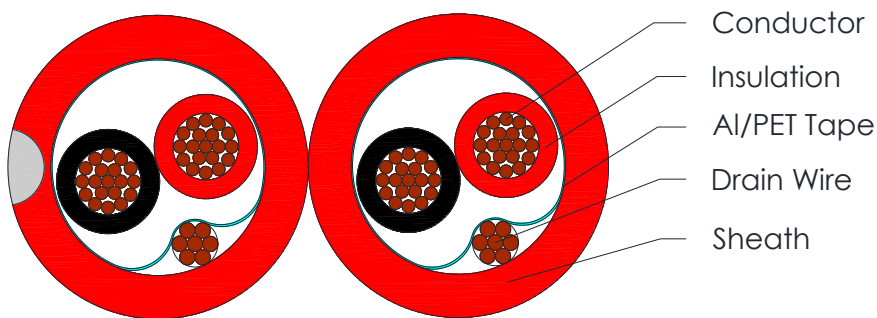


C4396

Applications

Indoor Audio Cable.

Cross Section Drawing



Design

Component	Unit	Properties
1	Conductor	Tinned stranded copper wire
	Insulation	PVC Colour: Black and Red
	Screen	Aluminium Tape
	Drain Wire	Tinned stranded copper wire
2	Conductor	Tinned stranded copper wire
	Insulation	PVC Colour: Black and Red
	Screen	Aluminium Tape
	Drain Wire	Tinned stranded copper wire
Parallel Sheath		Polyvinyl Chloride Standard Colour: Red/Grey
Standard Put Up Length		305 Meters

*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

Parallel Audio Cable

2-22AWG, Screened, PVC Insulation and Sheath



C4396

Physical Characteristics

Part Number	C4396		
Component No.	1	2	Overall
Core No.	2	2	-
Nom. Conductor Size (AWG)	22	22	-
Conductor Construction (AWG)	19×34	19×34	-
Nom. Wall thickness of insulation (mm)	0.25	0.25	
Nom. Insulation diameter (mm)	1.27	1.27	
Drain Wire Size (AWG)	24 (7×32)	24 (7×32)	
Min. Screen Coverage (%)	115	115	
Nom. Wall thickness of sheath (mm)			0.50
Nom. Overall Diameter (mm)	-	-	7.26
Min. Bending radius (mm)	-	-	38
Max. Pulling Tension (N)	-	-	111
Nom. Cable Weight (kg/km)	-	-	44.6
Operating Temperature Range (°C)	-	-	-30 to +60

Electrical Characteristics at 20°C

Nom. Characteristic Impedance (Ω)	Nom. Conductor Resistance (Ohm/km)	Capacitance core to core (pF/m)	Nom. Capacitance conductor to rest (pF/m)	Nom. Delay (ns/m)	Nom. Inductance (μ H/m)	Nom. Velocity of Propagation (%)	Max. Recommended Current at 25°C (Amps)	Operating Voltage (Vrms)
45±5	44.9	187	328	6.5	0.59	50	2.9	150

Reference Standards

IEC 60228	EN 50290-2
IEC 60332-1	RoHS directives