

weltron®

TECHNICAL DATA SHEET

Part No	SW-1602J-500-DB	Publisher	01,06,2017
Title	16AWG Audio Cable		

.Construction:

Item	specification & Design	Diameter mm
Conductor	Material: Stranded Bare Copper	65*0.16
	Composing: 65*0.16(0.16± 0.01)	
Insulation	Material: FR-PVC	2.10±0.1
	Color: see TABLE 1	
	Nominal wall: 0.25mm	
Cable core	Composing: 2 number cabled together to	/
	form the main core.	
	Detail: As described in part 5(structure drawing)	
Sheath	Material: FR-PVC	/
	There is a ripcord under the sheath	
	Nominal wall thickness of sheath: : see TABLE 2	

weltron[®]

SW-1602J-500-DB

.Electrical Performance (20°C)

Item	Parameter	Note
Conductor resistance	$\leq 13.9\Omega/1000m$	
Voltage endurance	DC 300V/min	

.Structure drawing



2C

.Examples of specifications(TABLE 2)

NUMBER OF CORE	CABLE-UNIT	Min Sheath Thickness	Nominal Overall
2C	Unit 1-2	0.35	5.0±0.5

.Color of twisted pair

TABLE 1

No.	Color of insulation
1	Black
2	Red