

DIGITAL AUDIO CABLES - LED DMX CABLE

Two cores, Shielded, PVC/LSZH-HFFR/PUR Sheath

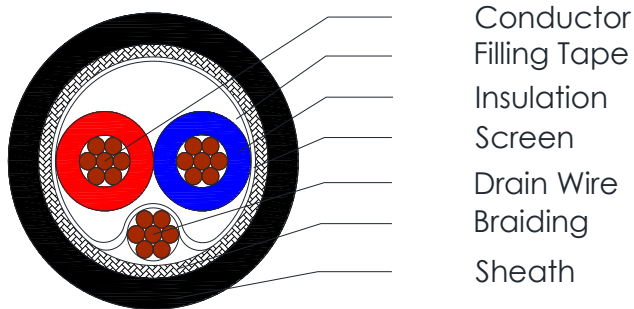


C4304, C4305, C4306, C5222, C5223, C5224, C6001, C6002, C6003

Applications

DMX & Digital Audio Cable, 110 Ohms AES/EBU.

Cross Section Drawing



Design

Unit	Properties
Conductor	Tinned Copper wire, flexible
Insulation	Foam PE Red and Blue
Cable Core	two twisted wires
Filling	Filling tape
Screen	Aluminium/Polyester
Drain Wire	Tinned Copper Wire
Braid	Tinned Copper Wire
Sheath Material	Polyvinyl Chloride (PVC) Standard Color: Grey Or Halogen Free Flame Retardancy (LSZH/HFFR) Standard Color: Black Or Polyurethane (PUR) Standard Color: Black
Standard Put Up Length	305 or 500 metres

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

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Physical Characteristics

Part Number	C4304	C4305	C4306	C5222	C5223	C5224	C6001	C6002	C6003
No of cores	2								
Sheath Material	PVC			LSZH/HFFR			PUR		
Conductor Size (mm ²)	0.35	0.50	0.75	0.35	0.50	0.75	0.35	0.50	0.75
Conductor configuration (mm)	11*0.20	16*0.20	24*0.20	11*0.20	16*0.20	24*0.20	11*0.20	16*0.20	24*0.20
Nom. Insulation Diameter (mm)	1.95	2.40	3.00	1.95	2.40	3.00	1.95	2.40	3.00
Screen Coverage (%)	114								
Drain Wire (mm ²)	0.35								
Braid Coverage (%)	85								
Nom. Overall Diameter (mm)	6.60	7.50	8.70	6.60	7.50	8.70	6.60	7.50	8.70
Operating Temperature (°C)	-15 / +70			-15 / +70			-40 / +80		
Min. Bend Radius (install) (mm)	66	75	87	66	75	87	66	75	87

Electrical Characteristics

Part Number	C4304	C4305	C4306	C5222	C5223	C5224	C6001	C6002	C6003
Conductor Size (mm ²)	0.35	0.50	0.75	0.35	0.50	0.75	0.35	0.50	0.75
Nom. DC Resistance Conductor (Ω/km)	60	45	32	60	45	32	60	45	32
Nom. Capacitance core to core (pF/m)	45								
Nom. Capacitance core to shield (pF/m)	90								
Nominal Impedance (Ω)	110								
Max. Rated Voltage AC (V)	49								

Reference Standards

IEC 60228	(BS)EN 50290-2
IEC 60332-1	IEC 61034 for LSZH-HFFR
RoHS directives	IEC 60754-1 &-2 for LSZH-HFFR