

# Outdoor Audio Control & Instrumentation Cable, High Conductivity Speaker Cable 16 to 12 AWG, Unscreened, PE Sheath

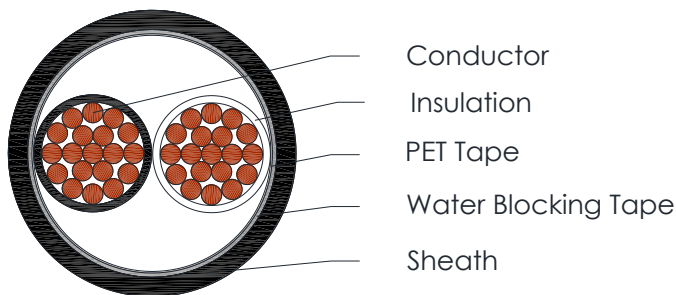


C6150, C6151, C6152

## Applications

Direct Burial Outdoor cable Suitable for Audio, Control and Instrumentation.

## Cross Section Drawing



## Design

Unit	Properties
Conductor	Bare Copper wire, one twisted pair
Insulation	Polyethylene (PE) Core 1: Black Core 2: White
Wrapping Tape	PET Tape
Moisture Barrier	Water Blocking Tape
Sheath Material	Low Density Polyethylene (LDPE) Standard colour: Black
Standard Put Up Length	305 or 500 meters

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

**Outdoor Audio Control & Instrumentation Cable,  
High Conductivity Speaker Cable  
16 to 12 AWG, Unscreened, PE Sheath**



**C6150, C6151, C6152**

**Physical Characteristics**

Part Number	C6150	C6151	C6152
Number of pairs	1	1	1
Conductor size (AWG)	12	14	16
Conductor stranding	19x25	19x27	19x29
Nom. Radial Thickness Insulation (mm)	0.8	0.8	0.8
Water Blocking Tape thickness (mm)	0.25		
Nom. Radial Thickness Sheath (mm)	0.80		
Nom. Overall Diameter(mm)	10.0	8.90	8,10
Operating Temperature (°C)	-25 / +75		
Max. Recommended Pulling Tension (N)	665	420	270
Min. Bend Radius (install) (mm)	100	70	60
Nominal Cable Weight (kg/km)	106	78	53

**Electrical Characteristics**

Part Number	C6150	C6151	C6152
AWG size conductor	12	14	16
Max. DC Resistance Conductor ( $\Omega$ /km)	5.61	9.36	15.47
Capacitance conductor to conductor (pF/m)	42	43	45
Max. Operating Voltage (Vrms)	600	600	600

**Reference Standards**

(BS) EN 50290-2
IEC 60228
RoHS directives