

# Audio Control & Instrumentation Cable

## 2C to 8C, 20AWG Unscreened, SWA Armour

### HFFR Sheath

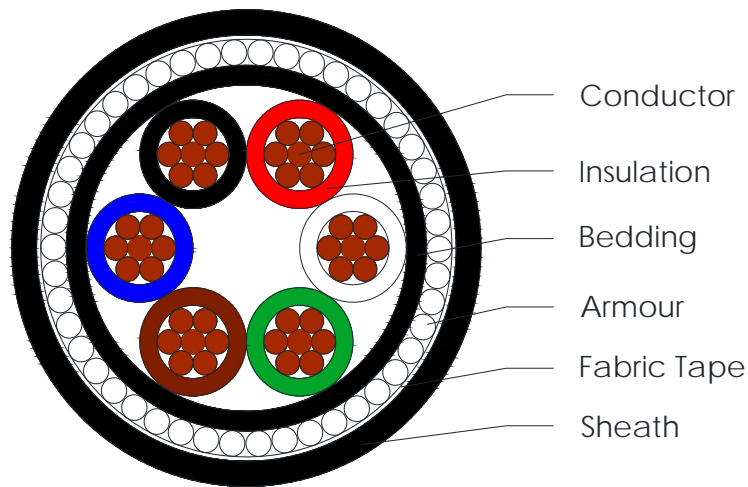


C1932, C1934, C1936, C1938, C1940

#### Applications

Outdoor cables suitable for Audio, Control, Instrumentation and Building Management Systems (BMS)

#### Cross Section Drawing



#### Design

Unit	Properties
Conductor	Flexible Bare Copper wire
Insulation	Polyolefin Core 1: Black Core 2: Red Core 3: White Core 4: Green Core 5: Brown Core 6: Blue Core 7: Orange Core 8: Yellow
Bedding	Flame-Retardant Halogen Free (HFFR)
Armour	Galvanized Steel wire
Wrapping	Fabric tape
Sheath	UV Resistance Flame-Retardant Halogen Free (HFFR) Standard colour: Black
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.

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#### Physical Characteristics

Part Number	C1932	C1934	C1936	C1938	C1940
No of cores x 18AWG (7 x 26)	2	3	4	6	8
Nom. Diameter Conductor (mm)	1.2				
Nom. Radial Thickness Insulation (mm)	0.25				
Nom. Radial bedding Thickness (mm)	0.8				
Nom. Bedding Diameter (mm)	4.6	4.8	5.2	6.1	6.6
Nom. SWA wire Diameter (mm)	0.90				
Nom. Radial Sheath Thickness (mm)	1.25				
Nom. Overall diameter (mm)	8.9	9.1	9.5	10.4	10.9
Operating Temperature	-25 / +75				

#### Electrical Characteristics

Part Number	C1932	C1934	C1936	C1938	C1940
Max. DC Resistance Conductor	35.75				
Capacitance conductor to conductor	123	111	102	95	81
Nominal Inductance	0.5				
Max. Recommended Current at 25°C	3.75	3.75	3	2.6	2.6
Max. Operating Voltage	300				

#### Reference Standards

(BS) EN 50290-2
EN 60228
IEC 60754-1 & 2
IEC 61034
IEC 60332-3-24
EN 60811-HD21.14
RoHS directives