

# Audio Control & Instrumentation Cable 2 to 6pr, 22AWG, Individual Screened, HFFR/LSZH Sheath

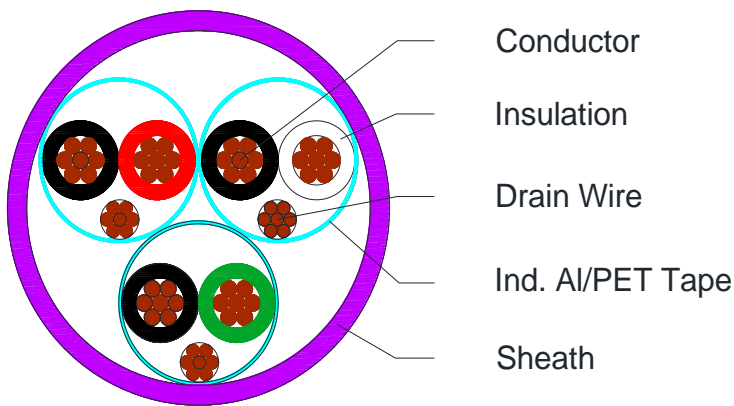


C1281, C1282, C1498, C1499, C1314

## Applications

Individual screened paired cable suitable for Audio, Control and Instrumentation

## Cross Section Drawing



## Design

Unit	Properties
Conductor	Tinned Copper wires, Flexible
Insulation	HFFR/LSZH Pair 1: Black/Red Pair 2: Black/White (Green/White for C1281) Pair 3: Black/Green Pair 4: Black/Blue Pair 5: Black/Yellow Pair 6: Black/Brown
Pair	Two wires twisted together
Drain Wire	Tinned Copper
Screen	Each pair individually screened with an Aluminium/Polyester foil tape
Sheath Material	HFFR/LSZH (Halogen Free, Flame Retardant) Standard colour: Purple
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.

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C1281, C1282, C1498, C1499, C1314

## Physical Characteristics

Part Number	C1281	C1282	C1498	C1499	C1314
Number of pairs	2	3	4	5	6
Conductor size (AWG)	22 (7 x 30)				
Nom. Diameter Conductor (mm)	0.75				
Nom. Radial Thickness Insulation (mm)	0.25				
Nom. Drain wire size (AWG)	24 (7 x 32)				
Screen Coverage (%)	115				
Nom. Radial Thickness Sheath (mm)	0.8				
Nom. Overall Diameter (mm)	6.5	7.0	7.5	8.2	9.0
Operating Temperature (°C)	-25 / +75				
Max. Recommended Pulling Tension (N)	185	240	320	400	480
Min. Bend Radius (install) (mm)	65	70	75	82	90
Weight (kg/km)	50.8	67.4	75.7	87.7	115.6

## Electrical Characteristics

Part Number	C1281	C1282	C1498	C1499	C1314
Max. DC Resistance Conductor ( $\Omega$ /km)	57.4				
Max. DC Resistance Screen ( $\Omega$ /km)	78.6				
Capacitance conductor to conductor (pF/m)	170				
Capacitance cond. To other Cond.+screen (pF/m)	320				
Max. Recommended Current at 25°C (Amps)	2.3	2.3	2	2	2
Max. Operating Voltage (Vrms)	300				

## Reference Standards

(BS) EN 50290-2
IEC 60228
IEC 60332-3-24
IEC 61034, IEC 60754-1&-2
RoHS directives