

# Cables for EIA RS-232 Applications, 24AWG, Overall Screen, LSZH/HFFR Sheath

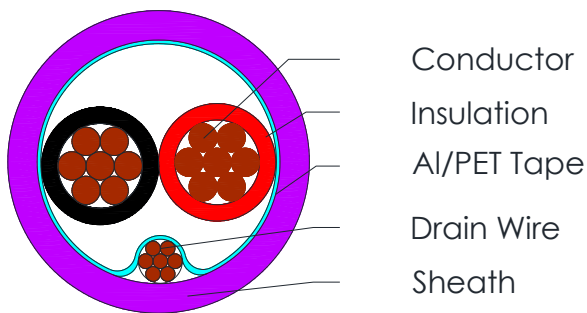


## C580 I

### Applications

Indoor plenum applications; RS-232 applications; computer communications; low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; panel wiring.

### Cross Section Drawing



### Design

Unit	Properties
Conductor	Flexible Tinned Copper wire
Insulation	PE Color : Black & Red
Drain Wire	Tinned Copper wire
Screen	Aluminium/Polyester tape
Sheath Material	Flame-Retardant Halogen Free (HFFR/LSZH) Standard colour: Purple
Standard Put Up Length	305 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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## C5801

### Physical Characteristics

Part Number	C5801
No of pairs	1
Nom. Conductor Configuration (AWG)	24(7x32)
Nom. Radial Thickness Insulation (mm)	0.2
Drain Wire size (AWG)	24(7x32)
Screen Coverage (%)	115
Nom. Radial Thickness Sheath (mm)	0.45
Nom. Overall Diameter (mm)	3.0
Operating Temperature (°C)	0 / +60
Max. Recommend. Pulling Tension (N)	72
Min. Bend Radius (install) (mm)	29
Nominal Cable Weight (kg/km)	12

### Electrical Characteristics

Part Number	C5801
No of pairs	1
Nom. DC Resistance Conductor ( $\Omega$ /km)	79.1
Capacitance core to core (pF/m)	100
Capacitance core to other cores.+screen (pF/m)	190
Max. Recommend. Current @ 25°C (Amps)	2.2
Max. Operating Voltage (Vrms)	300

### Reference Standards

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