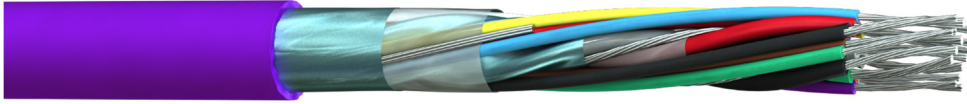


**Part No:** 3993P9CHP-C04  
**Description:** Purple Pipe designed for proprietary access control systems, this cable is widely used in public buildings and commercial and retail organisations where security and safety are important. Low Smoke Halogen Free throughout



### Construction

<b>Pair 1</b>	
Conductor Material	: Tinned Copper, 20(7)awg
Insulation Material	: Foamed Polypropylene (FPP)
Tape	: Polyester
Drain Wire	: Tinned Copper, 20(7)awg
Overall Screen	: Aluminium Foil (100% Coverage)
Core Identification	: Black, Green
<b>Pair 2 &amp; 3</b>	
Conductor Material	: Tinned Copper, 22(7)awg
Insulation Material	: Foamed Polypropylene (FPP)
Tape	: Polyester
Drain Wire	: Tinned Copper, 22(7)awg
Overall Screen	: Aluminium Foil (100% Coverage)
Core Identification	: Black & Red, Black & White
<b>9 Cores</b>	
Conductor Material	: Tinned Copper, 22(7)awg
Insulation Material	: Solid Polypropylene (SPP)
Core Identification	: Black, White, Red, Brown, Blue, Orange, Yellow, Violet, Green
<b>Overall</b>	
Tape	: Polyester
Drain Wire	: Tinned Copper, 22(7)awg
Screen	: Overall Aluminium Foil (100% Coverage)
Sheath Material	: Low Smoke Halogen Free (LSHF), Violet

### Electrical Characteristics

Nominal Conductor Resistance @20°C	: 20AWG <36.8 Ω/km	22AWG <60.2 Ω/km
Capacitance	Core to Core	: 65 pF/m ± 10
	Core to Screen	: 118 pF/m ± 35
Impedance		: 80 Ω ± 15
Voltage Rating		: 450/750 V <i>Applies to CE marked FSC branded stock only</i>
Test Voltage		: 2.5 kV for 5 minutes

### Physical Characteristics

Overall Diameter	: 9.5 ± 0.3mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 114 kg/km

### Standards

Flame Retardant	: BS EN 60332-1-2
Low Smoke Generation	: BS EN 61034-2
Halogen Gas Emission	: BS EN 60754-1&2
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Cca s1a, d1, a1 (EN50575:2014+A1:2016)