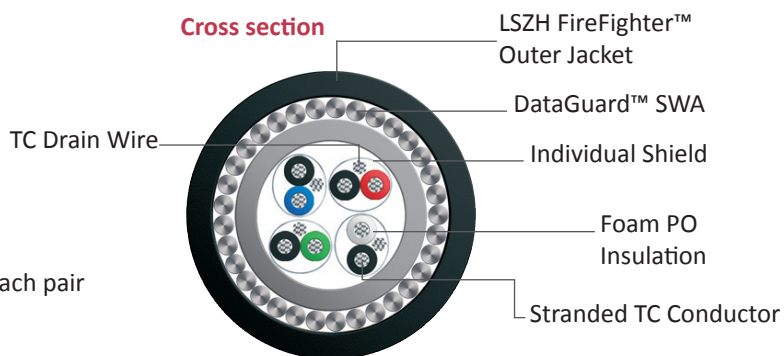


**DataGuard™ SWA 420Series Multi-Pair 24awg
Low Capacitance RS-422 600 Volts LSZH FireFighter™**

Cable Construction

- Conductor: Stranded Tinned Copper Wire
- AWG: 24
- No. of Pairs: *see table below*
- Insulation: Foam Polyolefin
- Colour Code: Chart 3
- Shield: Individual Aluminium/polyester tape
- Drain wire: Stranded Tinned Copper Wire with each pair
- Inner Jacket: Grey LSZH FireFighter™, SHF-1
- Armour: DataGuard™ SWA
- Outer Jacket: Black LSZH FireFighter™, SHF-1



Technical Characteristics

- Temperature Range: -20°C to +90°C
- Voltage Rating: 600 volts
- Fire Performance: IEC60332-1, IEC60332-3, IEC61034, IEC60754-1, IEC60092.

Electrical Characteristics

- Nom. Capacitance (cond./cond.): 41 pF/m
- Nom. Capacitance (con./con./shield): 76.1 pF/m
- Nom. Conductor DC Resistance: 78.7 Ω/km
- Nom. Shield DC Resistance: 59.1 Ω/km
- Impedance: 100 Ω

| Part Number | Formation (No. of pairs) | Nom. Ø (mm) | |
|-------------|-----------------------------|--------------|--------------|
| | | Inner Jacket | Outer Jacket |
| 144202P2454 | 2 x 2 x 24 awg | 8.05 | 11.8 |
| 144203P2454 | 3 x 2 x 24 awg | 8.48 | 12.28 |
| 144204P2454 | 4 x 2 x 24 awg | 9.22 | 16.02 |
| 144206P2454 | 6 x 2 x 24 awg | 10.69 | 14.49 |

The cable images represented on this specification are indicative only and may be subject to change at Belcom's discretion. All values represented in this specification should be used as a guide only and exact details can be confirmed at point of enquiry.