

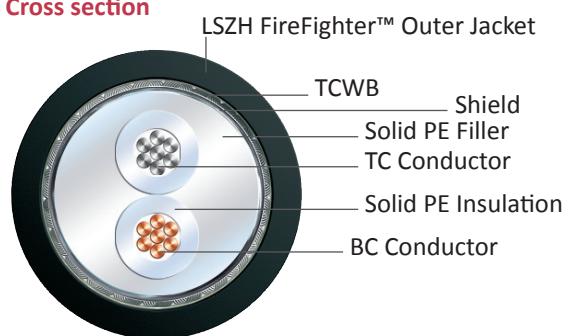


**4402C2024 440Series 100 Ohm Twinax & Data Cable
LSZH FireFighter™ 600 Volts**

Cable Construction

- Conductor: 7 strands Tinned / 7 strands Bare copper
- AWG: 20
- No. of Pairs: 1
- Insulation: Solid PE, Clear Transparent cores
- Filler: Solid PE, Clear Transparent
- Shield: Overall Aluminium/polyester tape
- Braid: Tinned copper wire braid, 86% coverage
- Outer Jacket: Black LSZH FireFighter™, SHF-1

Cross section



Technical Characteristics

- Part Number: 4402C2024
- Overall Diameter: 8.38 mm
- Weight: 130 kg/km
- 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.) 47.6 pF/m
- Nom. Capacitance (con./con./shield) 75.5 pF/m
- Nom. Impedance 100 Ω
- Nom. Inductance 0.51 μH/m
- Velocity of Propagation 66 %
- Nom. Conductor DC Resistance 31.1 Ω/km
- Nom. Shield DC Resistance 5.71 Ω/km

Nom. Attenuation	
1 MHz	1.30 dB/100m
10 MHz	3.60 dB/100m
50 MHz	8.20 dB/100m
100 MHz	13.40 dB/100m
200 MHz	21.00 dB/100m
400 MHz	33.40 dB/100m

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.