

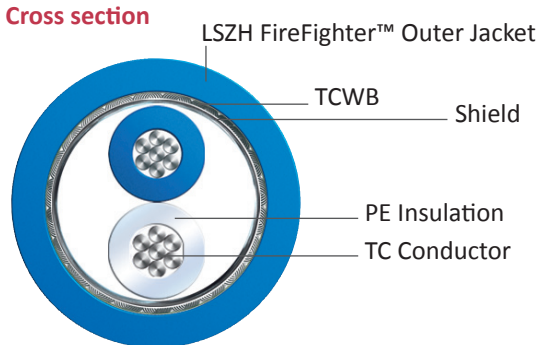


**4302C2024 440Series 78 Ohm Twinax & Data Cable  
LSZH FireFighter™ 600 Volts**

**Cable Construction**

- Conductor: Stranded tinned copper wire
- AWG: 20
- No. of Pairs: 1
- Insulation: Solid Polyethylene, transparent + blue cores
- Shield: Overall Aluminium/polyester tape
- Braid: Tinned copper wire braid, 55% coverage
- Outer Jacket: Blue LSZH FireFighter™, SHF-1

**Cross section**



**Technical Characteristics**

- Part Number: 4302C2024
- Overall Diameter: 6.15 mm
- Weight: 129.7 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.): 64.7 pF/m
- Nom. Capacitance (con./con./shield): 118 pF/m
- Nom. Impedance: 78 Ω
- Nom. Inductance: 0.07 μH/m
- Velocity of Propagation: 66 %
- Nom. Conductor DC Resistance: 31.1 Ω/km
- Nom. Shield DC Resistance: 11.1 Ω/km

Nom. Attenuation	
50 MHz	16.4 dB/100m
100 MHz	24.6 dB/100m
200 MHz	36.0 dB/100m
400 MHz	52.5 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.