

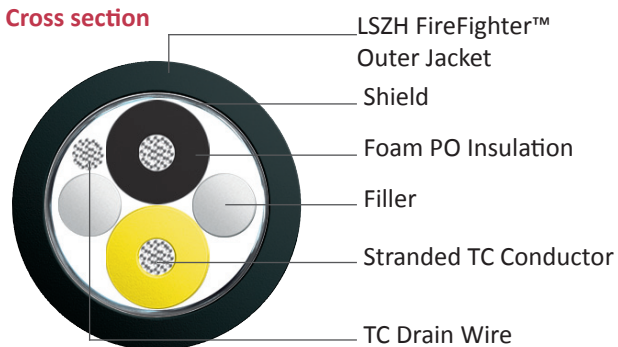


**4102C2254 410Series 150 Ohm Twinax & Data Cable  
LSZH FireFighter™ 600 Volts**

**Cable Construction**

- Conductor: Stranded Tinned Copper Wire
- AWG: 22
- No. of Pairs: 1 pair with fillers
- Insulation: Foam Polyolefin, black yellow cores
- Shield: Overall Aluminium/polyester tape
- Drain wire: 22awg Stranded Tinned Copper Wire
- Outer Jacket: Black LSZH FireFighter™, SHF-1

**Cross section**



**Technical Characteristics**

- Part Number: 4102C2254
- Overall Diameter: 8.50 mm
- Weight: 135 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.) 28.8 pF/m
- Nom. Capacitance (con./con./shield) 54.1 pF/m
- Nom. Impedance 150 Ω
- Nom. Inductance 0.961 μH/m
- Velocity of Propagation 78 %
- Nom. Conductor DC Resistance 45.9 Ω/km
- Nom. Shield DC Resistance 20.7 Ω/km

Nom. Attenuation	
1 MHz	1.31 dB/100m
10 MHz	3.90 dB/100m
50 MHz	8.70 dB/100m
100 MHz	14.10 dB/100m
200 MHz	20.30 dB/100m
400 MHz	28.90 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.