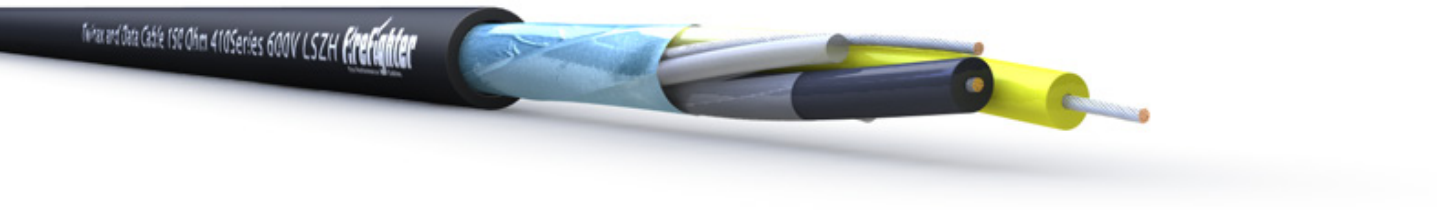
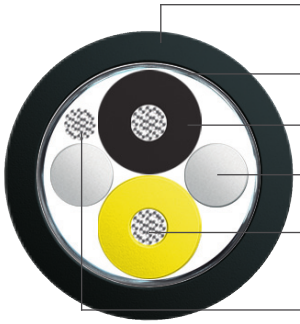


4102C2254 410Series 150 Ohm Twinax & Data Cable LSZH FireFighter™ 600 Volts

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.