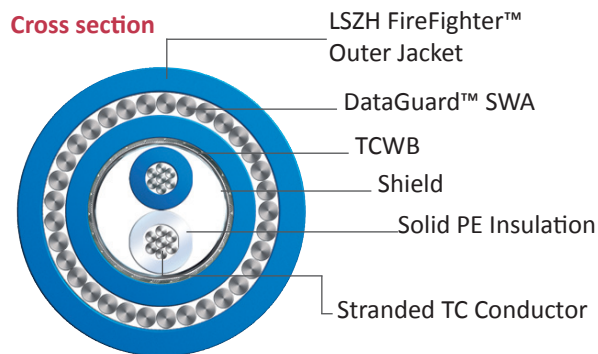


**DataGuard™ SWA Industrial Twinax Blue Hose® 78 Ohm
LSZH FireFighter™ 600 Volts**

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
- Inner Jacket: Blue LSZH FireFighter™, SHF-1
- Armour: DataGuard™ SWA
- Outer Jacket: Blue 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.) 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

Part Number	Formation (No. of pairs)	Nom. Ø (mm)	
		Inner Jacket	Outer Jacket
144302C2024	1 x 2 x 20 awg	6.15	9.95

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.