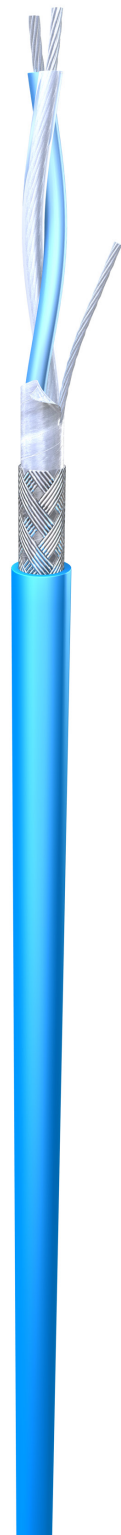
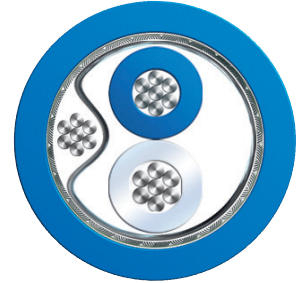


4401P2024-02 20awg Twinax 78ohm 440Series 600V LSZH FireFighter® Blue IEC60332-1

Cable Design

Conductor	Stranded tinned copper wire (20awg)
Diameter	0,96mm approx.
Insulation	Polyethylene (PE)
Diameter	1,98 mm approx.
Pair	2 insulated conductors twisted to a pair
Identification	Transparent / Blue
Shield	Aluminium foil/polyester tape 100% coverage Stranded tinned copper drain wire (20awg) Tinned copper wire braid, 90% coverage
Outer Jacket	Low Smoke Zero Halogen (LSZH) FireFighter®
Diameter	Ø 6,70 ± 0,5 mm
Colour	Blue



Mechanical Characteristics

Operating Temperature Range	-40°C To +80°C
Cable Weight	53.57 Kg/Km
Max. Recommended Pulling Tension	213.51 N
Min. Bend Radius/Minor Axis:	60.96 mm

Electrical Characteristics

Nom. Characteristic Impedance	78 Ohm
Nom. Inductance	0.393 µH/m
Nom. Capacitance Conductor to Conductor	64.63 pF/m
Nom. Capacitance Cond. to Other Conductor & Shield	118,11 pF/m
Nominal Velocity of Propagation	66 %
Nominal Delay	5,05 ns/m
Nom. Conductor DC Resistance	31.16 Ohm/km
Nominal Outer Shield DC Resistance	13.45 Ohm/km

Attenuation

Frequency	Attenuation [dB/100m]
1	1.96
10	6.89
50	16.40
100	24.60
200	36.09
400	52.49