

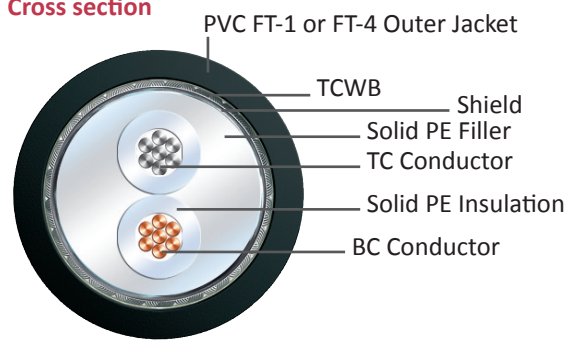


4702007 100 Ohm Twinax & Data Cable

Cable Construction

Conductor:	7 strands Tinned / 7 strands Bare copper
AWG:	20
No. of Pairs:	1
Insulation:	Solid PE, Clear Transparent cores
Filler:	Solid PE, Clear Transparent
Shield:	Overall Aluminium/polyester tape
Braid:	Tinned copper wire braid, 86% coverage
Outer Jacket:	Black Polyvinylchloride (PVC FT-1 or FT-4)

Cross section



Technical Characteristics

Part Number:	4702007
Overall Diameter:	8.38 mm
Weight:	130 kg/km
Approvals:	UL & CSA

Electrical Characteristics

Nom. Capacitance (cond./cond.)	47.6 pF/m
Nom. Capacitance (con./con./shield)	75.5 pF/m
Nom. Impedance	100 Ω
Nom. Inductance	0.51 μH/m
Velocity of Propagation	66 %
Nom. Conductor DC Resistance	31.1 Ω/km
Nom. Shield DC Resistance	5.71 Ω/km

Nom. Attenuation	
1 MHz	1.30 dB/100m
10 MHz	3.60 dB/100m
50 MHz	8.20 dB/100m
100 MHz	13.40 dB/100m
200 MHz	21.00 dB/100m
400 MHz	33.40 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.