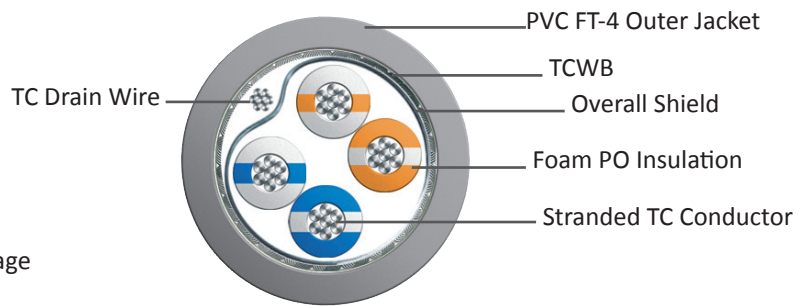


**Overall Foil & Braid Shielded Multi-Pair 28awg  
Low Capacitance FT-4 30 Volts UL/CSA approved**

**Cable Construction**

Conductor:	Stranded Tinned Copper Wire
AWG:	28
No. of Pairs:	<i>see table below</i>
Insulation:	Foam Polyolefin
Colour Code:	Chart 5
Shield:	Overall Aluminium/polyester tape
Drain wire:	28awg Stranded Tinned Copper Wire
Braid:	Tinned copper wire braid, 65% coverage
Outer Jacket:	Grey Polyvinylchloride (PVC FT-4)

**Cross section**



**Technical Characteristics**

Temperature Range:	-20°C to +80°C
Voltage Rating:	30 volts
Approvals:	UL & CSA
Low Capacitance For EIA RS232 & EIA RS485 applications	

**Electrical Characteristics**

Nom. Capacitance (cond./cond.):	36.1 pF/m
Nom. Capacitance (con./con./shield):	65.6 pF/m
Nom. Impedance:	120 Ω
Nom. Velocity of Propagation:	78 %
Nom. Conductor DC Resistance:	214.5 Ω/km
Nom. Shield DC Resistance:	<i>see table below</i>

Part Number	Formation (No. of pairs)	Nom. Ø (mm)	Nom. Shield DC Resistance
4302P2851	2 x 2 x 28 awg	5.98	16.8 Ω/km
4303P2851	3 x 2 x 28 awg	6.86	17.1 Ω/km
4304P2851	4 x 2 x 28 awg	7.32	14.5 Ω/km
4305P2851	5 x 2 x 28 awg	7.64	13.8 Ω/km
4308P2851	8 x 2 x 28 awg	8.40	12.2 Ω/km

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.