

Duct Grade

Overall Foil Shield Single Pair



Application

A range of shielded single pair cables for use in instrumentation, data and audio applications where protection against electrical interference is required.

Cables with polyethylene (PE) insulation such as these present lower signal loss. These cables use outer jacket materials suitable for external and duct grade installations. Not suitable for direct burial.

Cable Design

Conductor	Stranded tinned copper wire
Insulation	Polyethylene (PE)
No. of Pairs	1 (1x2xAWG) Colour coded - Black / White
Drain Wire	Stranded tinned copper wire
Overall Shield	Overall Aluminium/Polyester tape
Outer Jacket	High Density Polyethylene (HDPE)

Specification

Part Number	Formation	Nom. Ø	Weight
	No. of Pairs	mm [±10%]	kg/km
5032202THD	1 x 2 x 22 awg	5,20	36
5032002THD	1 x 2 x 20 awg	5,00	33
5031802THD	1 x 2 x 18 awg	5,40	-
5031602THD	1 x 2 x 16 awg	8,50	60
5031402THD	1 x 2 x 14 awg	8,59	106



Duct Grade

Overall Foil Shield Single Pair

Electrical Characteristics

Part Number	Nom. Capacitance (cond./cond.) pF/m	Nom. Capacitance (cond./cond./screen) pF/m	Nom. Conductor DC Resistance Ω/km	Nom. Impedance Ω
5032202THD	78,7	154,2	52,5	64
5032002THD	88,5	160,7	31,2	56
5031802THD	97,7	144,3	21,3	57
5031602THD	75,4	144,3	14,7	65
5031402THD	78,7	154,2	9,5	58

Belcom Cables Ltd. ("Belcom") reserves the right to make changes to the product described in this specification without prior notice. Belcom does not assume any liability which may occur due to the use of the specification described herein. Drawings are not to scale unless otherwise specified and are provided for general and informational purposes only. All values represented in this specification should be used as a guide only and exact product details can be confirmed at point of enquiry.