

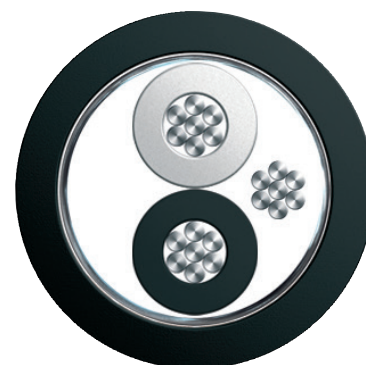
Duct Grade

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 mm [±10%]	Weight kg/km
	No. of Pairs		
5032202THD	1 x 2 x 22 awg	6,20	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



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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

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