

Data UL/CSA

Overall Foil Shield Multi-Conductor FT-4 600 V

Application

A range of shielded single pair and multi-core cables for indoor use in instrumentation, data and audio applications where protection against electrical interference is required. The insulation used has lower signal loss. These cables meet CSA vertical flame test FT4 classification.

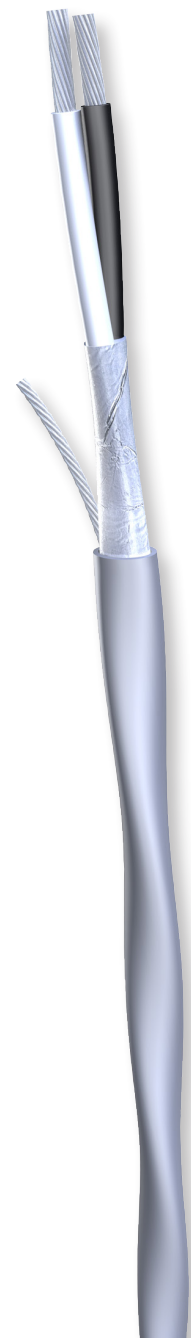


Cable Design

Core	
Conductor	Stranded tinned copper wire
Insulation	Polyethylene (PE)
Assembly	
Centre	Single Pair : 2 cores twisted to a pair Cores : 3 or 4 cores stranded
Pair identification	Chart 1
Screen	Overall 100% Aluminium Foil Shield
Drain Wire	Stranded tinned copper wire
Outer Jacket	Polyvinylchloride (PVC) FT-4

Characteristics

Colour	Grey
Rated Voltage	600 V
Temperature Range	-20°C up to +80°C
Flame Test Rating	CSA FT4



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Specification

Part Number	Formation No. of Pairs / Cores	Nom. Ø mm	Weight kg/km
5032202	1 x 2 x 22 awg	4,11 ± 0,25	26
5032002	1 x 2 x 20 awg	4,75 ± 0,25	33
5031802	1 x 2 x 18 awg	5,33 ± 0,25	45
5031602	1 x 2 x 16 awg	6,00 ± 0,25	60
5031402	1 x 2 x 14 awg	8,59 ± 0,25	106
5031202	1 x 2 x 12 awg	9,55 ± 0,25	142
5202203	3 x 22 awg	3,71 ± 0,25	31
5032203	3 x 22 awg	4,67 ± 0,25	33
5032003	3 x 20 awg	5,00 ± 0,25	42
5031803	3 x 18 awg	5,64 ± 0,25	59
5032204	4 x 22 awg	5,08 ± 0,25	42
5032004	4 x 20 awg	5,49 ± 0,25	60
5031804	4 x 18 awg	6,15 ± 0,25	70
5031604	4 x 16 awg	6,73 ± 0,25	96
5031404	4 x 14 awg	10,00 ± 0,25	169
5031204	4 x 12 awg	11,18 ± 0,25	236

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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. Shield DC Resistance Ω /km	Nom. Impedance Ω
5032202	78,7	154,2	52,5	-	64
5032002	88,5	160,7	31,2	-	56
5031802	97,7	144,3	21,3	-	57
5031602	75,4	144,3	14,7	-	65
5031402	78,7	154,2	9,5	-	58
5031202	82,0	160,7	5,2	-	55
5202203	104,9	196,8	52,5	-	-
5032203	75,4	134,5	49,2	38,3	-
5032003	88,5	167,3	32,8	29,2	-
5031803	78,7	157,4	21,6	27,8	69
5032204	64,9	117,5	52,4	61,3	75
5032004	73,2	131,6	35,3	40,6	65
5031804	83,8	148,5	22,1	38,9	70
5031604	94,0	184,4	13,5	34,6	55
5031404	74,2	131,6	8,58	18,1	70
5031204	86,7	154,7	5,61	8,25	55

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