

Technical data sheet



Identification	Type	LIY(C)Y (20×AWG18) PLTC
	Part-No.	A3131820
Construction		
Description	ELECTRONIC (C) PLTC PVC	
Number of conductors/cross-section	20×AWG18	
Jacket material	PVC	
Jacket color	grey RAL 7001	
Outer Ø	12.4 mm	
Outer Ø	0.488 inches	
Weight	217 Lbs/Mft	
Cu-Index	150 Lbs/Mft	
Element 1		
Element construction	AWG18/20C	
Conductor construction	AWG 18 (19/30)	
Conductor	AWG conductor CU-wire tin-plated	
Conductor category	fine wire	

25.09.2018 – Subject to technical modification

Part-No. A3131820

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Conductor marking	black red white green orange blue brown yellow violet grey pink tan red/green red/yellow pink/black white/black white/red white/green white/yellow white/blue
Conductor insulation	SR-PVC
overall construction	
Drain wire	CU-wire tin-plated
Overall shield	Aluminium laminate Foil shield Braid shield Tinned copper wires
Jacket characteristics	Flame-retardant Oil resistant Silicone-free

Technical data

Rated voltage UL	300 V
Temperature range fixed	-40 °C ... +105 °C
Minimum bending radius fixed	4×D

Element 1

Element construction	AWG18/20C
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Approvals/Standards

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Approvals	cULus PLTC UL Type CM cURus AWM II A/B NEC 725, 760, 800 Class 1 Div. 2 per NEC Art. 336, 392, 501, 502 (PLTC use only)
UL style	AWM 2464
Conformity	CE RoHS REACH
Burning behavior according to	UL VW-1 UL FT4
Oil resistant according to	Oil Res II

General

Note	CE These products are in conformity with the EU Low Voltage Directive 2014/35/EU
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