

Technical data sheet

Identification	Type Part-No.	LiY(C)Y TP PLTC PVC (6×2×AWG18) A3141812
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Construction

Description	ELECTRONIC (C) PLTC PVC TP
Number of conductors/cross-section	6×2×AWG18
Jacket material	PVC
Jacket color	grey RAL 7001
Outer Ø	11.7 mm
Outer Ø	0.462 inches
Weight	154 Lbs/Mft
Cu-Index	99 Lbs/Mft

Element 1

Element construction	AWG18/6TP
Conductor construction	AWG 18 (19/30)
Conductor	AWG conductor CU-wire tin-plated
Conductor category	fine wire
Conductor marking	black red black white black green black blue black brown black yellow
Conductor insulation	SR-PVC
Stranding	conductors stranded in pairs

overall construction

Drain wire	CU-wire tin-plated
Overall shield	aluminium-laminated film shield Braid shield Tinned copper wires

14.08.2018 – Subject to technical modification

Part-No. A3141812

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Jacket characteristics	Flame-retardant Oil resistant Silicone-free
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Technical data

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

Element 1

Element construction	AWG18/6TP
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Approvals/Standards

Approvals	cULus PLTC UL Type CM cURus AWM II A/B NEC 725, 760, 800 Class 1 Div. 2 (PLTC use only) Art. 336, 392, 501
UL style	AWM 2464
Conformity	CE REACH RoHS
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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