

High Quality Power Cord **multicomp**PRO

**RoHS
Compliant**



Specifications

Type	: SJT
Size	: 18AWG×3C
Rating	: 300V
Application Standard	: UL 62

Construction

Conductor	Size	18AWG/3C
	Material	Annealed Copper
	Strands No.	41
	Overall Diameter of Single Strand	0.16mm ±0.008mm
Insulation	Material	PVC
	Minimum Average Thickness	0.76mm
	Minimum Thickness at any Point	0.69mm
	Colour	Black/White/Green
	Overall Diameter	2.8mm ±0.15mm
Jacket	Material	PVC
	Minimum Average Thickness	0.76mm
	Minimum Thickness at any Point	0.61mm
	Colour	Any Colour (Except of Clear)
	Overall Diameter	7.8mm ±0.2mm
Ellipticity	Less than 15%	

Electrical Properties

Conductor Resistance (Ω .km@20°C)		Less than 22.4
Spark Test		Endure AC 6kV 0.15S NO Breakdown or Flashover
Dielectric Strength (Immerse in 20°C Water Tank 1 Hour)	Insulation	Withstand AC 1.5kV/5 Minutes, No Breakdown
	End Product	Withstand AC 1.5kV/15 Minutes, No Breakdown

Physical & Mechanical Properties

Insulation	Unaged	23 ±5°C	Tensile Strength	No Less than 10.3Mpa
			Elongation	Above 100%
	After Aged	136 ±5°C 168H	Tensile Strength	No less than 85% of the original Value.
			Variation of T.S.	
			Elongation	No less than 45% of the original Value.
			Variation of E.L.	

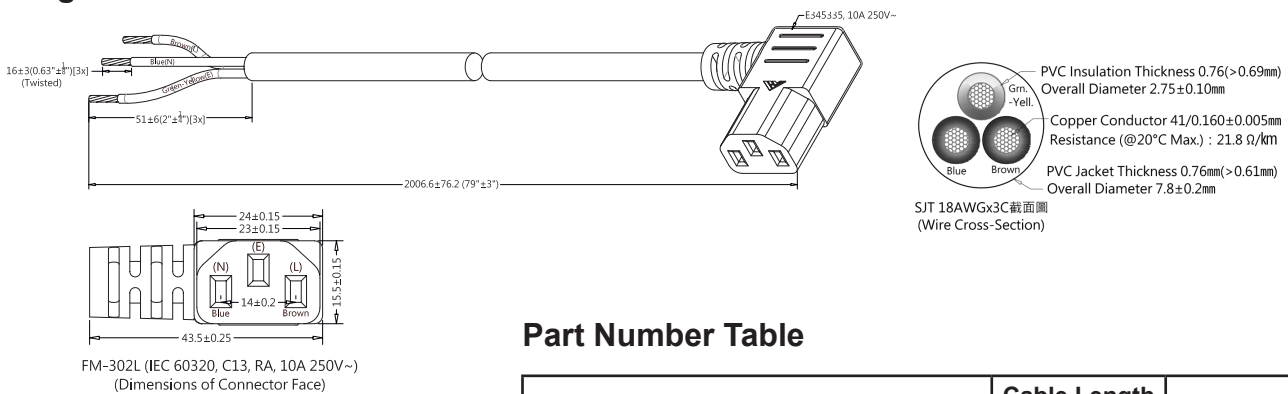
Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicompPRO

High Quality Power Cord **multicomp** PRO

Jacket	Unaged	23 ±5°C	Tensile Strength	No Less than 10.3Mpa
	After Aged	136 ±5°C 240H	Elongation	Above 100%
			Tensile Strength	No less than 85% of the original Value.
			Variation of T.S.	No less than 45% of the original Value.
Heat Shock	Finished	121±3°C 1 Hour	Elongation	No less than 45% of the original Value.
			Variation of E.L.	Less than 50%
Flexing Test	Diameter for Pulley		80mm	
	Current		10A	
	AC Voltage		AC 125V	
	Load		1000g	
	Result		15000 cycles, no Interruption or short Circuit	
Cold Bend	Mandrel OD:4-5D -15°C 16H, 6 Turns		No Crack	
VW-1 Flame Test	After 5 times flame applied, total burning time lasts		Not Exceed than 60S	
	Cotton		Could not be ignited	
	Indicator Flag		Less than 25%	
Surface Marking	Embossed Print (UL) E348120 SJT3×18AWG (0.824mm ²) VW-1 105°C 300V C(UL) SJT3×0.824mm ² (18AWG) 105°C 300V FT2			

Diagram



Dimensions : Millimetres (Inches)

Part Number Table

Description	Cable Length (L)	Part Number
IEC C13, RA, SJT, CEE, 18×3, 10A 250V	2m	MC-184

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicomp PRO