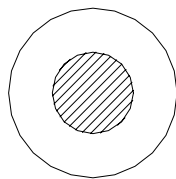


Product Description

- Rated temperature: 80°C
- Rated voltage : 300 volts
- Tinned copper conductor
- PVC Insulation
- Uniform insulation thickness of wire to ensure easy stripping and cutting
- Pass UL VW-1 flame test & CSA FT1
- Uniform insulation thickness of wire to ensure easy stripping and cutting
- For use in electronic instrumentation

Cross SectionCable Construction

Conductor	AWG	18AWG
	Nom. cross Section	0.811mm ²
	Strand construction	16/0.254TA ±0.008mm
	Stranded diameter (Ref.)	1.17mm
Insulation	Material	PVC
	Average thickness	0.26mm
	Min. point thickness	0.21mm
	Outer diameter	1.70 ± 0.03mm

Cable Specification

Test item	Specification		
Max. Conductor DC resistance At 20°C	23.3 ohm/km		
Tensile test at room temp.	Tensile strength (Mpa)	Insulation	10.3
	Elongation	Insulation	100%
Aging test	Tensile strength	Insulation	70% unaged
	Elongation	Insulation	65% unaged
Heat shock test 121±1°C 1h	No cracks or splits		

Deformation test 250g 121±1°C 1h	Max. 50%
Cold bend test -10±1°C 4h	No cracks or splits
Flame test	Pass UL VW-1
Spark test (kv)	3.0+0.3/-0
Test method: UL 1581	

Remark

Any conductors having diameter of any strand less than the specified minimum value accepted if CMA (circular mils area) or conductor resistance specified is not exceed.

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