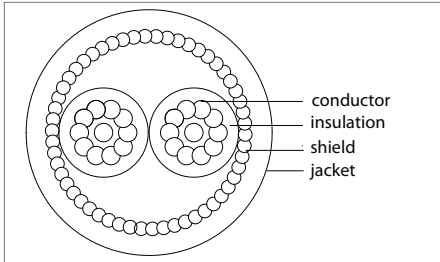


**Wire cross section:**



**Cable specifications:**

conductors

gauge (AWG)	24
material	bare copper
cord size (strands)	11 x 0.16
shield	54 x 0.12, bare copper

jacket

material	80°C, 65P, PVC
color	black
diameter (mm)	3.7 ± 0.10

insulation

material	35P, PVC
color	red, black
diameter (mm)	1.0 ± 0.05

electrical properties

rated voltage (V)	300
rated temperature (°C)	80
operating temperature (°C)	-5 ~ +80
resistance at 20° C (Ohm/Km) max	87.5
spark test (Kv)	2.5/3.0

physical characteristics

material	insulation/jacket PVC	
unaged	tensile strength (kgf/mm <sup>2</sup> min)	1.05
	elongation (% min)	100
aging test	condition	100 °C/168 h
	elongation (% unaged min)	65
	tensile strength (% unaged min)	70
deformation (121± 1 °C x 1 hour)	≤50%	

**tolerance X: ±0.5 mm .X: ±0.3 mm .XX: ±0.05 mm**  
 applicable unless otherwise indicated in specification or on drawings

<b>Initial</b>	<b>Date</b>
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**Revision notes:**

Rev	Date	Description
A	March 11, 2011	initial release
A1	April 20, 2011	updated part description
A2	August 13, 2012	added operating temperature

**Specification Approval**

Spec sign-off verifies that you have reviewed the entire specification, tested a sample of the product, and confirm that it meets your requirements. This specification reflects the part as it will be ordered. Orders will not be processed until the specification pages have been initialed and the approval page has been signed. This specification is confidential and is not to be transmitted without prior approval from Tensility.

Signature \_\_\_\_\_ Title \_\_\_\_\_  
 Name \_\_\_\_\_ Date \_\_\_\_\_  
 Company \_\_\_\_\_ Branch \_\_\_\_\_