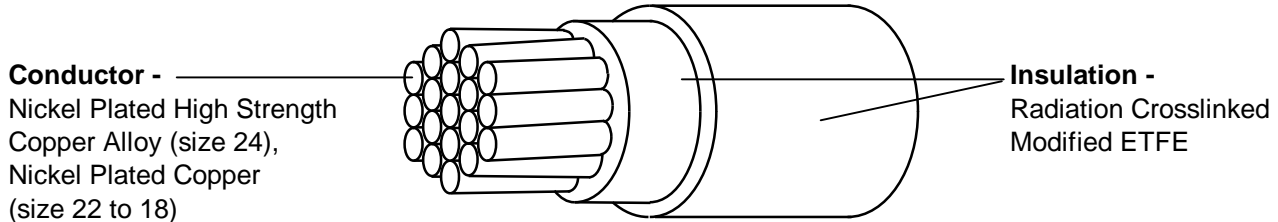


## WIRE, MODIFIED FLUOROPOLYMER INSULATED, 600 VOLT, 180°C, CONTROLLED WEIGHT

The complete requirements for procuring the wire described herein shall consist of this document and Airbus Industrie Specification ABS0820 Issue 4.



Part Description	Conductor Stranding No/Dia (mm)	Conductor Diameter (mm)		FINISHED WIRE						
				Maximum Resistance @ 20°C (ohms/ km)	Total Wall Thickness Min. (mm)	Diameter (mm)			Weight (kg/ km)	
						Lower Spec Limit	Target	Upper Spec Limit	Target	Upper Spec Limit
		Min.	Max.							
55K9081-24-*	19/0.12	0.550	0.575	114.0	0.20	0.97	1.02	1.07	2.87	3.12
55K9081-22-*	19/0.15	0.700	0.730	60.0	0.20	1.11	1.16	1.21	3.96	4.29
55K9081-20-*	19/0.20	0.940	0.975	33.2	0.20	1.35	1.40	1.45	6.53	7.02
55K9081-18-*	19/0.25	1.180	1.210	21.1	0.20	1.60	1.65	1.70	9.82	10.75

**COLOUR CODE:** When used as a primary wire: Size 24, 20 and 18 coloured white  
Size 22 coloured light green

When used as a component: Defined by cable SCD

**PERFORMANCE REQUIREMENTS** To be tested to the issue in effect of WSD 840 and meet the requirements of ABS0820 Issue 4.

**MARKING:** Coloured Black, every 300 ± 50 mm for:  
size 20 and 18 horizontally along axis  
size 22 and 24 vertically along axis.

Each mark shall be connected by a dashed line, each dash at 40-50mm, 5mm long, 0.5mm minimum width.

--- BPXX U GBSYY --- Where the XX is replaced by the wire size and the YY is replaced by a year code designator in accordance with the table below.

e.g. --- BP24 U GBS09 ---

NB. When used as a component, the mark is defined by the cable SCD.

Code:	09	10	11	12	13	14	15
Year:	2009	2010	2011	2012	2013	2014	2015

**APPROVAL:** Electronic sign off - no signatures will appear.

Tyco Electronics UK Ltd  
Faraday Road  
Dorcan  
SWINDON  
SN3 5HH  
UK  
Tel: 0800 267666  
Fax: 01793 572516

Registration Number:  
550926 London, England

Website: [www.tycoelectronics.com](http://www.tycoelectronics.com)  
Email: [picuk@tycoelectronics.com](mailto:picuk@tycoelectronics.com)

This drawing and the information set forth hereon are the property of Tyco Electronics UK Ltd, and are to be held in trust and confidence. Publication, duplication, disclosure or use for any purpose not expressly authorised in writing by Tyco Electronics UK Ltd is prohibited.

This specification sheet takes precedence over documents referenced herein. As Tyco Electronics UK Ltd. reserve the right to make changes in construction without notice please contact Tyco Electronics UK Ltd to ensure that this document is the latest issue

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[55K9081-20-9](#)