



Structure, Electric, Thermal and Mechanical Values

Copper Wire – Tin Plated
Insulation from ETFE – extruded, lightly fixed

Specification Table

AWG Gauge	30	28	26	24	22
Conductor -Diameter	0.25mm	0.32mm	0.4mm	0.5mm	0.63mm
Wall Thickness	-	-	0.15mm	-	-
Outside-Diameter	0.56mm	0.63mm	0.71mm	0.81mm	0.94mm
Tolerances	-	-	0.05mm + or -	-	-
Conductor-Resistance Per kilometre	365	227	143	89.4	56
Operating Voltage	-	-	Max. 375V / 50Hz		-
Testing Voltage	-	-	1,500V / 50Hz		-
Continuous Operating Temperature	-	-	-90°C to +150°C		
Tensile Strength	-	-	30 N / mm ²	-	-
Elongation of Isolation	-	-	150%	-	-
Elongation of Conductor	-	Minimum 15%	-	Maximum 20%	-
Current Capacity in A at 55°C	2.6	3.4	4.5	5.2	5.7
Ambient Temperature	-	-	-	-	-
Colour	-	-	10 Standard Colours Available		
Isolation	-	-	Resistance at all Diameters Min. 3,000 MΩ × km		

1. These wire connections are suitable for self cutting and stripping tools
2. Tested for VDE 0881

*AWG = American Wire Gauge

Limited colour variations are permissible in manufacture, so long as there is no possibility of confusion with other colours

Part Number Table

Description	Part Number	Description	Part Number
ETFE Wire, 30 AWG, Black, 100m	100-30TBK	ETFE Wire, 30 AWG, Blue, 100m	100-30TB
ETFE Wire, 30 AWG, Red, 100m	100-30TR	ETFE Wire, 30 AWG, White, 100m	100-30TW
ETFE Wire, 30 AWG, Orange, 100m	100-30TO	ETFE Wire, 26 AWG, Red, 100m	100-26TR
ETFE Wire, 30 AWG, Yellow, 100m	100-30TY	ETFE Wire, 26 AWG, Green, 100m	100-26TG
ETFE Wire, 30 AWG, Green, 100m	100-30TG		

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. pro-POWER is the registered trademark of Premier Farnell Limited 2019.

Newark.com/exclusive-brands
Farnell.com/exclusive-brands
Element14.com/exclusive-brands