



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		

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