Tefzel Wires

pro-POWER

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
a) Conductor -Diameter in mm	0.25	0.32	0.4	0.5	0.63
b) Wall Thickness in mm	-	-	0.15	-	-
c) Outside-Diameter in mm	0.56	0.63	0.71	0.81	0.94
d) Tolerances in mm	-	-	0.05 + or -	-	-
e) Conductor-Resistance Per Kilometre	365	227	143	89.4	56
f) Operating Voltage	-	-	Maximum 375 V 50 Hz		-
g) Testing Voltage	-	-	1,500 V 50 Hz		-
h) Continuous Operating Temperature	-	-	Minutes 90 to plus 150°C		
i) Tensile Strength	-	-	30 N / mm^2	-	-
k) Elongation of Isolation	-	-	150%	-	-
l) Elongation of Conductor	-	Minimum 15%	-	Maximum 20%	-
m) Current Capacity in A at 55°C	2.6	3.4	4.5	5.2	5.7
Ambient Temperature	-	-	-	-	-
n) Colour	-	-	10 Standard Colours Available		
o) Isolation	-	-	Resistance at all Diameters Minimum 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
Wire, Tefzel, 30 AWG, Black, 100 m	100-30TBK
Wire, Tefzel, 30 AWG, Red, 100 m	100-30TR
Wire, Tefzel, 30 AWG, Orange, 100 m	100-30TO
Wire, Tefzel, 30 AWG, Yellow, 100 m	100-30TY
Wire, Tefzel, 30 AWG, Green, 100 m	100-30TG
Wire, Tefzel, 30 AWG, Blue, 100 m	100-30TB
Wire, Tefzel, 30 AWG, White, 100 m	100-30TW
Wire, Tefzel, 26 AWG, Red, 100 m	100-26TR
Wire, Tefzel, 26 AWG, Green, 100 m	100-26TG