

**Net prices**

Outer Ø approx. in mm	1,000 m approx. incl. reel	Cross-section and conductor structure	Sample quantities under 100 metres  Price for 1 m	in EUR per 100 m including copper on collection (per colour)			Ordering information  Please also specify the colour
				100 m upwards	500 m upwards	1,000 m upwards	
0.68	1.6 kg	0.09 mm <sup>2</sup> with 7 x 0.13	--,48	30.00	24.00	18.00	<a href="#">MTZ 28- 736</a>
0.81	2.3 kg	0.15 mm <sup>2</sup> with 19 x 0.10	--,64	40.00	32.00	24.00	<a href="#">MTZ 26-1938</a>
0.91	3.3 kg	0.24 mm <sup>2</sup> with 19 x 0.13	--,72	45.00	36.00	27.00	<a href="#">MTZ 24-1936</a>
1.30	7.2 kg	0.60 mm <sup>2</sup> with 19 x 0.20	--,80	50.00	40.00	30.00	<a href="#">MTZ 20-1932</a>
1.55	10 kg	0.93 mm <sup>2</sup> with 19 x 0.25	1,20	75.00	60.00	45.00	<a href="#">MTZ 18-1930*</a>
1.70	13 kg	1.20 mm <sup>2</sup> with 19 x 0.29	1,52	95.00	76.00	57.00	<a href="#">MTZ 16-1929</a>

\* only black versions of this article are available ex-stock

**Description of the ordering data**

M	T	Z	28	7 or 19	36
Operating voltage max. 250 V	ETFE	Tinned	AWG No. of the conductor	Number of individual wires	AWG No. of the individual wires

**Colours usually available ex-stock:** black, white, red, blue, yellow  
**Normal stock unit:** Standard reels with 250 m / 500 m / 1,000 m  
 Lengths less than 250 m can be supplied as free-wound rings.

**Technical data**

**Insulation wall thickness** approx. 0.15 mm  
**Operating voltage:** 250 V  
**Test voltage:** 2,500 V  
**Operating temperature:** -100°C to 150°C

ETFE is very resistant to oils, grease, acids, alkalis, solvents

**Preferred applications for Tefzel®-ETFE insulated cables and wires:**

All areas with extremely stringent requirements on the thermal, electrical, chemical and mechanical properties, e.g. measurement and control system devices, the aerospace industry, for wiring of computers, for marine diesel engines, locomotives, alarm systems, measuring and test systems for the space industry.

**Net prices**

AWG	in EUR per 100 m including copper on collection (per colour)			Ordering information	Colours usually available ex-stock		
	100 m upwards	500 m upwards	1,000 m upwards		No.	Colour	Abbreviation
30	6.00	4.00	3.00	<a href="#">MCZ 30 - 130*</a>	11	black	bk
24	10.00	7.00	6.00	<a href="#">MCZ 24 - 124*</a>	22	white	wh
					55	blue	bu
					60	orange	or

\* Items to be sold off

**Technical data**

Hook-up cables for telecommunications and data processing systems halogen-free and flame-retardant  
**Conductors** tinned copper as per VDE 0881  
**Insulation** halogen-free, flame-retardant thermoplastic high-tech polymer (21 Y)  
**Insulation resistance** smallest value = 1,500 MΩ x km at 20°C  
**Operating voltage** 250 V  
**Test voltage** 1,500 V  
**Operating temperature** -50°C to +130°C (max. +150°C 3,000 h)  
**Normal stock units:** 250-m reels and 1,000-m reels

AWG	Conductor diameter in mm	Cross-section in mm <sup>2</sup>	Insulation wall thickness in approx. mm	Outer diameter approx.	Weight including reel		Conductor resistance (20°C) Ω/km
					250 m approx. kg	1,000 m approx. kg	
30	0.25	0.05	0.15	0.54	0.23	0.91	369
26	0.40	0.14	0.15	0.69	0.44	1.76	141
24	0.51	0.22	0.15	0.79	0.63	2.50	90