

Brass FLRMSY

The alternative conductor material for vehicle signal lines

A traditional material with a new application.

Benefits

- superior tensile strength
- reduced conductor cross section from 0.35 mm² to 0.22 mm² with minimum tensile strength of 70 N
- saving in weight of around 1.5 kg/km
- higher flexlife as copper

Applications

- Signal lines



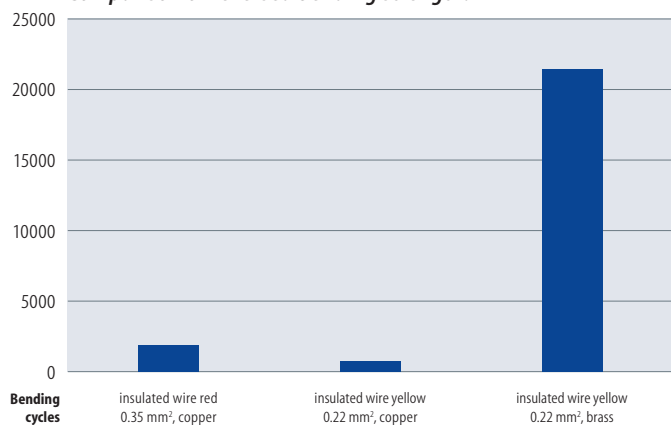
Comparison table brass to copper:

The main properties in comparison to copper:

	Brass	Cu-ETP1
Density (at 20 °C)	8.5 g/cm ³	8.92 g/cm ³
Electric conductivity	26 % %, IACS	100 % %, IACS
Tensile strength *	> 350 N/mm ²	> 220 N/mm ²
Elongation at break *	> 17 %	> 16 %

* Values for wire 0.22 mm² (7 x 0.20 mm)

Comparison of reversed bending strength:



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