



## CONTACT

Market information  
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Measuring systems cables according to Lenze standard for dynamic applications, PUR jacket, resistant to oils, flame retardant, halogen-free

## STANDARDS

**Product** UL and CSA approval

### Design

**Pair 0.14 mmq**

Voltage Rate U=300V (UL/CSA)

Conductor: Bare copper

Insulation: Polyethylene

Twisted pairs colour: Black + Yellow; Black + Green; Black + Red

Taping: Non hygroscopic tape

Shield: Tinned copper braid cov. 75%

Overall Tape: Non hygroscopic tape

**Triad 0.14 mmq**

Voltage rate U=300V (UL/CSA)

Conductor: Bare copper

Insulation: Polyethylene

Twisted pair colour; Pink, Black, Grey

Taping: Non hygroscopic tape

Shield: Tinned copper braid cov. 75%

Overall tape: Non hygroscopic tape



Halogen free  
Yes



Operating temp.  
-20 ... 80 °C



Storage temperature, range  
-50 ... 80 °C



Flame retardant  
IEC/EN 60332-1-2; FT1; UL 1581 FT1



Oil resistance  
EN 50363-10-2

## CHARACTERISTICS

### Construction characteristics

Conductor material	Bare copper
Insulation	Polyolefin
Insulation colour	See Tab
Individual screen	Tinned copper braid
Lay Up	Please request detailed data sheet
Taping	Non woven tape
Outer sheath	PUR
Sheath colour	Green RAL 6018
Halogen free	Yes

### Electrical characteristics

Rated Voltage U <sub>0</sub> /U	300 V
Test voltage	1500 V





### Mechanical characteristics



Speed	180 m/min
Maximum acceleration	10 m/s <sup>2</sup>
Bending cycles	5 Mio.

### Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	15 (xD)
Operating temperature, range	-20 ... 80 °C
Storage temperature, range	-50 ... 80 °C
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1
Oil resistance	EN 50363-10-2

## PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Approximate weight [kg/km]
 10554301	13-MYE26Z09P-V1	13-MYE 3x (2x0.14)C +(3x0.14)C	3x(2x0.14)C+(3x0.14)C	9.2	96
 13-MYE21Z08P-V1	13-MYE21Z08P-V1	13-MYE 3x (2x0.14)C + 2x (0.5)C	3x(2x0.14)C+2x(0.5)C	9.8	107
 10554293	13-MYE17Z10P-V1	13-MYE 4x (2x0.14)C + 1x (2x1)C	4x(2x0.14)C+1x(2x1)C	11.4	145
 13-MYE21Z14P-V1	13-MYE21Z14P-V1	13-MYE 3x (2x0.14)C + 4x0.14 + 2x (2x0.5)C	3x(2x0.14)C+4x0.14+2x(2x0.5)C	12.0	156

 = Make to order,  = In stock,