



LCAE MPU 222-100 – B7702NH

Câble LSZH - 2x2xAWG22/1
LSZH cable - 2x2xAWG22/1

FT 4 05/07/2016 FR

Application

Ces câbles sont utilisés pour des applications LonWorks.

Application

For LonWorks BUS application.

Remarques

• conforme au RoHS

Remarks

• conform to RoHS

Construction

Matériau du conducteur	Cuivre nu, rigide				
Classe du conducteur	AWG22/1, Ø 0.64				
Isolant conducteur	PE				
Repérage	<table border="0"> <tr> <td>Paire 1</td> <td>Blanc - bleu Bleu - blanc</td> </tr> <tr> <td>Paire 2:</td> <td>Blanc - orange Orange - blanc</td> </tr> </table>	Paire 1	Blanc - bleu Bleu - blanc	Paire 2:	Blanc - orange Orange - blanc
Paire 1	Blanc - bleu Bleu - blanc				
Paire 2:	Blanc - orange Orange - blanc				
Assemblage	En paires				
Matériau gaine extérieure	LSZH compound Ø ext : 5.20 mm				
Couleur de la gaine	Blanc, ±RAL9003				
Marquage sur gaine	LCAE MPF222 - 2x2xAWG22 - LSZH - B7702NH - CAE - Z WWYY - xxxx m				

Données techniques

Tension nominale	300 V
Résistance du conducteur	< 59 Ω/km
Impédance 1 à 20 MHz	100 Ω
Capacitance. nom. Cond/cond	46 pF/m
Attenuation	
@ 772 KHz	1.3 dB/100m
@ 1 MHz	1.5 dB/100m
@ 4 MHz	3.1 dB/100m
@ 10 MHz	4.9 dB/100m
@ 16 MHz	6.3 dB/100m
@ 20 MHz	6.9 dB/100m
Rayon courbure min fixe	10 x d
Temp. service min/max fixe	-15°C / +80°C
Comportement au feu	Non propagateur de la flamme NF C 32-070/C2 et IEC 60332-3-C
LSZH	IEC 60754-1&-2 IEC 61034-1&-2

Structure

conductor material	solid bare copper strand				
conductor class	AWG22/1, Ø 0.64				
core insulation	PE				
core identification	<table border="0"> <tr> <td>Pair 1</td> <td>White with blue line Blue with white line</td> </tr> <tr> <td>Pair 2:</td> <td>White with orange line Orange with white line</td> </tr> </table>	Pair 1	White with blue line Blue with white line	Pair 2:	White with orange line Orange with white line
Pair 1	White with blue line Blue with white line				
Pair 2:	White with orange line Orange with white line				
stranding	in pair				
outer sheath	LSZH compound Ø ext : 5.20 mm				
sheath colour	White, ±RAL9003				
Marking	LCAE MPF222 - 2x2xAWG22 - LSZH - B7702NH - CAE - Z WWYY - xxxx m				

Specifications

rated voltage	300 V
conductor resistance	< 59 Ω/km
Impedance 1 to 20 MHz	100 Ω
Nom. Capacitance Cond/cond	46 pF/m
Attenuation	
@ 772 KHz	1.3 dB/100m
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@ 16 MHz	6.3 dB/100m
@ 20 MHz	6.9 dB/100m
min. bending radius fixed	10 x d
operat. temp. fixed min/max	-15°C / +80°C
burning behaviour	flame retardant NF C 32-070/C2 and IEC 60332-3-C
LSZH	IEC 60754-1&-2 IEC 61034-1&-2

• versions spéciales, autres dimensions, sections, couleur de la gaine et des conducteurs sur demande
• we are pleased to produce special versions, other dimensions, core and jacket colours on request.