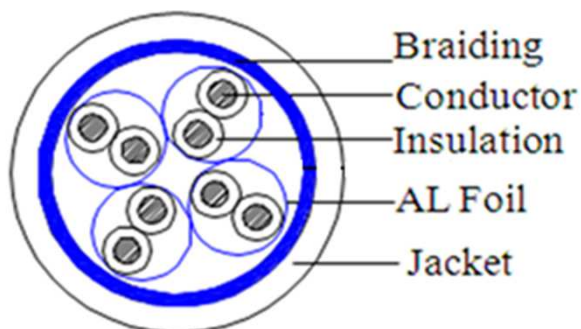


**LEXI ExtremeNet 900 677704AH 4PR 23AWG S/FTP SOLID CABLE LSZH****Part No.**

NVP 78%

**KLEXI677704AH****Cross Section****Marking**

TBD

**Description****Application**

Horizontal Wiring in LAN

**Reference Standard**

IEC61156 &amp; ISO/IEC 11801 CLASS "F"

**Construction**

<b>Conductor</b>	<b>Solid Bare Copper</b>
AWG	23
Conductor Dia. (mm)	1/0.56
<b>Insulation</b>	<b>FMPE</b>
Average Thickness(mm)	0,39
Insulation Dia.(±0.05mm)	1,35
Twisted	2C
<b>AL foil</b>	<b>YES</b>
Assembly	4P
<b>Braid</b>	<b>AL&amp;Mg</b>
Structure	8/7/0.12
Coverage(%)	>=30
<b>Jacket</b>	<b>LSZH</b>
Average Thickness(mm)	0,52
Min. Point Thickness(mm)	0,46
Outer Dia.(±0.3mm)	7,3
Rip Cord	NO

**Color****Insulation colors are:**

- 1.White-Blue
  - 2.White-Orange
- White-Green  
White-Brown

**Jacket colors:**

According to the customer.

**Part No.:****KLEXI677704AH****Revision History**

20.1.2016

**Performance****Electrical Characteristics:**

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB/100m)	PSNEXT (dB)	Return loss (dB)
1	2,0	78,0	75,0	20
4	3,8	78,0	75,0	23
10	5,9	78,0	75,0	25
16	7,5	78,0	75,0	25
20	8,4	78,0	75,0	25
31,25	10,5	78,0	75,0	24
62,5	15,0	78,0	75,0	22,5
100	19,1	74,0	71,0	21,5
200	27,6	69,2	66,2	20
250	31,0	67,6	64,6	19,5
300	34,2	66,4	63,4	19,1
400	40,0	64,4	61,4	18,5
500	45,2	62,8	59,8	18
600	50,1	61,6	58,6	17,6
750	56,8	59,3	56,3	17,3
850	61,0	58,5	55,5	17,3*
900	63,0	58,1	55,1	17,3*

Frequency (MHz)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
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1	78,0	75,0
4	78,0	75,0
10	74,0	71,0
16	69,9	66,9
20	68,0	65,0
31,25	64,1	61,1
62,5	58,1	55,1
100	54,0	51,0
200	48,0	45,0
250	46,0	43,0
300	44,5	41,5
400	42,0	39,0
500	40,0	37,0
600	38,4	35,4
750	37,8	34,8
850	36,7	33,7
900	36,2	33,2

**LEXI NET**  
PROFESSIONAL NET ACCESSORIES