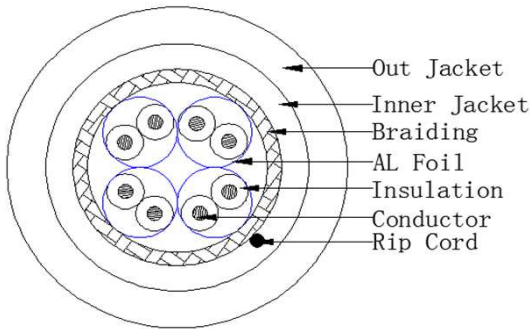


**LEXI ExtremeNet 900 4PR 23AWG S/FTP SOLID OUTDOOR CABLE LSZH+PE**

**Part No.**

**KLEXI677704PE**

**Cross Section**



**Marking**

TBD

**Description**

**Reference Standard**

IEC61156 & ISO/IEC 11801 CLASS "F"

**Construction**

<b>Conductor</b>	<b>Solid Bare Copper</b>
AWG	23
Conductor Dia. (±0.01mm)	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>Drain wire</b>	<b>NO</b>
Conductor Dia. (mm)	
<b>Braid</b>	<b>AL&amp;Mg</b>
Structure	8/7/0.12
Coverage(%)	>=30
<b>Inner Jacket</b>	<b>LSZH</b>
Average Thickness(±0.05mm)	0,45
Min. Point Thickness(mm)	0,4
Outer Dia.(±0.3mm)	7,3
Rip Cord	<b>YES</b>
<b>Outer Jacket</b>	<b>PE</b>
Average Thickness(±0.05mm)	0,55
Min. Point Thickness(mm)	0,5
Outer Dia.(±0.3mm)	8,5

**Color**

**Insulation colors are:**

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

**Jacket colors:**

Accordong to the customer.

**Part No.:**

**KLEXI677704PE**

**Revision History**

20.11.2016

**Performance**

**Electrical Characteristics:**

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB/100m)	PSNEXT (dB)	Return loss (dB)
1	2,0	80,0	77,0	23
4	3,7	80,0	77,0	23
10	5,9	80,0	77,0	23
16	7,5	80,0	77,0	23
20	8,4	80,0	77,0	23
31,25	10,6	80,0	77,0	23
62,5	15,4	75,5	72,5	23
100	19,8	72,4	69,4	23
200	29,0	67,9	64,9	23
250	32,8	66,5	63,5	23
300	36,4	65,3	62,3	23
400	40,0	63,4	60,4	21,8
500	48,9	61,9	58,9	20,8
600	50,1	60,8	57,8	20,0
650	52,4	60,2	57,2	19,6
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)**

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

Impedance	1~100MHZ	100+/- 15
	100~900MHZ	100+/- 25
VOP(%)		72,0

