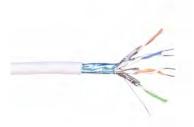
# **Product Specifications**





1711163-2

Copper Cable, category 7, 4 pair simplex, FTP, LSZH, PiMF600, 23 AWG, 1000 m, white

Jacket Material	LSZH
Jacket Color	White
Cable Construction	1 x 4
Cable Weight	52.0 kg/km
Conductor Material	Copper
Insulation Material	PE
Shield Type	Individual foiled pairs/Overall foil

## **Configuration Features**

Number of Pairs	4
Number of Conductors	8

## **Dimensions**

## **Electrical Characteristics**

Impedance	100 +/- 15 Ohms
Mutual Capacitance	43.0 nF
Nominal Velocity of Propagation (NVP)	78%

### **Electrical Specifications**

7

### **General Specifications**

Cable Type

F/FTP (shielded)

## **Industry Standards**

Flammability Rating	IEC 60332-1-2
Standards Compliance	EN 50173-1   EN 50288-4-1   EN 61000-3-2   IEC 60332-1   IEC 60754- 1   IEC 60754-2   IEC 61034-2   ISO/IEC 11801 class C

# Product Specifications



1711163-2

### Other

Comment

Bend radius after installation: 4 x cable diameter  $\mid$  Bend radius during installation: 8 x cable diameter

## **Outline Drawing**

Freq. Att. A		ACR	R PSNEXT		PSELFEXT	5	RL.
MHz	Typ. dB	Typ. dB	Min. dB	Typ. dB	Min. dB	Min. dB	Typ. dB
1	2,0	91,0	75,0	90	85	20,0	23
4	3,7	89,3	75,0	90	82	23,0	25
10	5,9	87,1	75,0	90	80	25,0	30
16	7,4	85,6	75,0	90	78	25,0	30
20	8,3	84,7	75,0	90	76	25,0	30
31,25	10,4	82,6	75,0	90	74	23,6	30
62,5	14,9	78,1	72,5	90	72	21,5	30
100	18,5	74,5	69,4	90	67	20,1	30
200	26,0	64,0	64,9	87	53	18,0	25
250	29,5	60,5	63,4	87	51	17,3	23
300	32,0	54,0	62,2	83	48	17,3	22
450	43,0	39,0	59,6	79	42	17,3	19
600	48,0	28,0	57,7	73	36	17,3	18
700*	51,2	21,3,0	5	71	34	12	16
800*	54,3	17,3		68	32		15
900*	56,5	12		67	30	12	13

\*For information only

## **Packaging Features**

Packaging Method	Reel
Packaging Quantity	500
Product Availability	
Region	Australia/New Zealand   EMEA
<b>Product Type Features</b>	
Cable Style	Simplex
Cable Type	Twisted Pair
Product Classification	Cable - ISO/IEC Category
Product Type	Cable
Shielded	Yes
System	AMP NETCONNECT
Wire/Cable Type	Twisted Pair

## **Usage Conditions**

Installation Temperature Range	0 – 50 °C
Operating Temperature Range	-20 - 60 °C

## **Regulatory Compliance/Certifications**

#### Agency

#### Classification

## Product Specifications



1711163-2

RoHS 2011/65/EU

Compliant