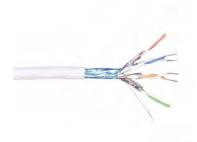
Product Specifications





1711163-1

Copper Cable, category 7, 4 pair simplex, FTP, LSZH, PiMF600, 23 AWG, 500 m, white

Body Features

Jacket Material

Cable Configuration

F/FTP

Jacket Color

Cable Construction

1 x 4

Cable Weight

Conductor Material

Insulation Material

LSZH

LSZH

LSZH

S/FTP

White

1 x 4

Cable Construction

Copper

PE

Shield Type Individual foiled pairs/Overall foil

Configuration Features

Number of Pairs 4
Number of Conductors 8

Dimensions

Overall Outside Diameter 7.400 mm | 0.291 in

Conductor Diameter .546 – .61 mm

 Length
 500.000 m | 1640.420 ft

 Wire Diameter
 6.050 mm | 0.238 in

 Wire Size (CMA)
 .258 mm² | 23 AWG

Electrical Characteristics

Impedance 100 +/- 15 Ohms

Mutual Capacitance 43.0 nF Nominal Velocity of Propagation (NVP) 78%

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

Other

Comment Bend radius after installation: 4 x cable diameter | Bend radius during installation:

8 x cable diameter

Outline Drawing

Product Specifications



1711163-1

Freq. MHz	Att. Typ. dB	ACR Typ. dB	PSNEXT		PSELFEXT	RL	
			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	27	71	34	(2)	16
800*	54,3	17,3	-,	68	32	(3)	15
900*	56,5	12	5	67	30	(2)	13

^{*}For information only

Packaging Features

Packaging Method Reel Packaging Quantity 500

Product Availability

Region Australia/New Zealand | EMEA

Product Type Features

Performance Category Category 7
Cable Style Simplex
Cable Type Twisted Pair

Product Classification Cable - ISO/IEC Category

Product Type Cable Shielded Yes

Wire/Cable Type Twisted Pair

Usage Conditions

Installation Temperature Range $0 - 50 \, ^{\circ}\text{C}$ Operating Temperature Range $-20 - 60 \, ^{\circ}\text{C}$

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Compliant