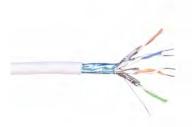
Product Specifications





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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

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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



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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
Product Type Features	
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



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RoHS 2011/65/EU

Compliant