

CABLE U/FTP C6A

PRODUCT DESCRIPTION

• Standard Reference:

ISO/IEC 11801:2011
IEC 61156-5:2012
EN 13501-6
EN 50173-1:2011
EN 50173-2:2007 including amendment A1:2010
EN 50288-9-1:2012
EN 50288-4
EN 50575:2014+A1:2016
EN 50399:2011+A1:2016
EN 60332-1[1,2], 60332-3C, 60754-[1,2], 61034-[1,2]
ANSI/TIA-568-6-2:2009

• Rated temperature: 90°C

• Installation temperature: -30°C~+50°C

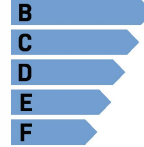
• RoHS/REACH complied

• DoP N°: 2017-248

• Application:

VoIP, ISDN
Token, 100M TP-PDM
Analog and Data Video
TR-16 Active and Passive
115M/662m/1.2GATM
IEEE802.3: 100Base, 100Base-T, 1GBase-T, 10GBase-T.

CRP Class:



CABLE CONSTRUCTION

Conductor	Material	SOLID Bare Copper
	Nom.O.D (mm)	0.55 ± 0.005mm. 23AWG
Insulation	Material	HPDE
Insulation Diam. ø		0.98 ± 0.03mm
Thickness		AVG: 0.295mm MIN: 0.29mm
Each Pair is Twisted, Shielded	Polyester	No
	Drain wire	0.4TC
	AL foil	Thick: 0.050mm Extent: 23mm
Jacket LSZH-RoHS	Thickness	AVG: 0.55 ± 0.05mm
	Outer Diam. ø	6.0 ± 0.40mm
	Jacket Color (standard)	White: RAL 9016 
Code Color	1 White/Blue	2 White/Orange
	3 White/Green	4 White/Brown
Packing	1 Wooden drum	
Dimension-Weight	50x50x27cm - 54Kg/Km	
Packing Length	500 ± 1.0m	

TECHNICAL PERFORMANCE (100m)

Frequency (MHz)	RL(dB) min.	Attenuation (dB/100m) max.	NEXT (dB/100m)	DELAY (dB/100m)
4.0	23.0	3.7	65.27	40.00
8.0	24.5	5.2	60.75	40.00
10.0	26.8	5.9	59.30	40.00
16.0	25.0	7.4	56.24	37.96
20.0	25.0	8.3	54.78	36.99
31.5	23.6	10.5	51.88	35.05
62.5	21.5	14.9	47.36	32.04
100	20.1	19.0	44.30	30.00
200	18.0	27.5	38.30	/
300	16.8	34.2	37.10	/
500	15.2	45.3	33.80	/
Frequency (MHz)	PSNEXT (dB/100m)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)	Impedance (Ohms)
4	63.27	55.76	52.76	100±15
8	58.75	49.74	46.74	
10	57.30	47.80	44.80	
16	54.24	43.72	40.72	
20	52.78	41.78	38.78	
31.5	49.88	37.90	34.90	
62.5	45.36	31.88	28.88	
100	42.30	27.80	24.80	
200	37.80	21.80	18.80	
300	35.10	18.30	15.30	
500	31.80	13.80	10.80	

CHARACTERISTICS

Max. Conductor DC Resistance at 20°C (Ω/Km)	<93.8
Rated Temperature (°C)	75
Rated Voltage (V)	300V
Velocity ratio	65%