

CABLE FTP C6A

PRODUCT DESCRIPTION

• Standard Reference:

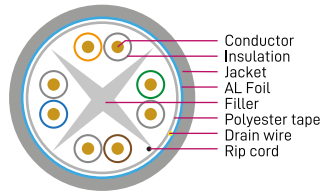
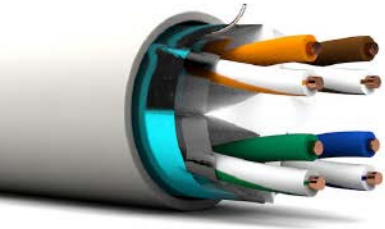
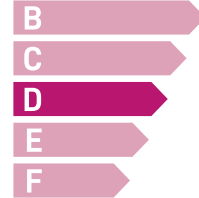
ISO/IEC 11801:2011
IEC 61156-5:2012
EN 13501-6
EN 50173-1:2011
EN 50173-2:2007 including amendment A1:2010
EN 50288-9-1:2012
EN 50288-4
EN 50575:2014+A1:2016
EN 60332-1[1,2],60332-3C, 60754-[1,2], 61034-[1,2]
ANSI/TIA-568-6-2:2009

- **Rated temperature:** 90°C
- **Installation temperature:** -30°C~+50°C
- RoHS/REACH complied
- **DoP N°:** 2658-CPR-5015_FAM093_04

• 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)	0.53 ± 0.008mm. 23 Y 24 AWG
Insulation	Material	HPDE
Insulation Diam. ø		1.07 ± 0.02mm
Thickness		AVG: 0.27mm, MIN: 0.26mm
Each Pair is Twisted	Polyester	Yes
	Filler	Yes
	Drain wire	0.4 TC
	AL foil	Thick: 0.050mm, extent: 23mm
	Rip cord	Yes
Surface Printing	Thickness	AVG: 0.65mm ± 0.05mm
	Outer Diam. ø	7.2 ± 0.30mm
	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	37x37x26cm - 58Kg/Km	
Packing Length	305 ± 1.0m	

TECHNICAL PERFORMANCE (100m)

Frequency (MHz)	RL(dB) min.	Attenuation (dB/100m) max.	NEXT (dB/100m)	ACR (dB)
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)	ELFEXT (dB/100m)	PSNEXT (dB/100m)	PSELFEXT (dB/100m)	Impedance (Ohms)
4	55.76	63.27	52.76	100±15
8	49.74	58.75	46.74	
10	47.80	57.30	44.80	
16	43.72	54.24	40.72	
20	41.78	52.78	38.78	
31.5	37.90	49.88	34.90	
62.5	31.88	45.36	28.88	
100	27.80	42.30	24.80	
200	21.80	37.80	18.80	
300	18.30	35.1	15.30	
500	13.80	31.8	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%