

FTP C6. OUTDOOR CABLE

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°: N/C

• 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

Features



Outdoor

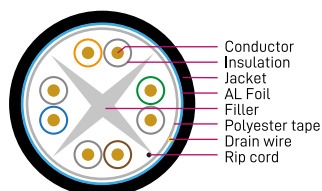
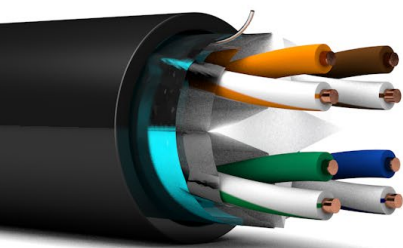
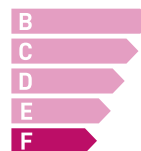


Underground



Duct

CRP Class:



CABLE CONSTRUCTION

Conductor	Material	SOLID Bare Copper
	Nom.O.D (mm)	0.565±0.005mm. 23AWGx4P
Insulation	Material	Solid PE
Insulation Diam. ø		1.09± 0.03mm
Thickness		AVG: 0.30mm MIN: 0.29mm
	Polyester	yes
	Filler	yes
	AL foil	yes
	Drain wire	yes
Shielded global. Each Pair Unshielded	Rip cord	yes
Jacket PE-RoHS	Thickness	AVG: 0.60mm ± 0.05mm
	Outer Diam. ø	7.4 ± 0.40mm
	Jacket Color (standard)	Black: RAL 9011
Code Color	1 White / Blue	2 White / Orange
	3 White / Green	4 White / Brown
Packing	1 Wooden drum	
Dimension-Weight	37x37x26cm - 49Kg/Km	
Packing Length	300/500/1000 ± 1.0m	

Laid and covered on a bed of sand and enough protected in order to avoid any damage on its structure and geometry.

TECHNICAL PERFORMANCE (100m)

Frequency (MHz)	RL(dB) min.	Attenuation (dB/100m) max.	NEXT (dB/100m)	ACR (dB)
1	20.0	2.03	74.3	72.28
4.0	23.0	3.78	65.3	61.49
8.0	24.5	5.32	60.8	55.43
10.0	25.0	5.95	59.3	53.35
16.0	25.0	7.55	56.2	48.68
20.0	25.0	8.47	54.8	46.31
25.0	24.3	9.51	53.3	43.83
31.25	23.6	10.67	51.9	41.20
62.5	21.5	15.38	47.7	31.98
100	20.1	19.80	44.3	24.50
200	18.0	28.98	39.8	14.60
250	17.3	32.85	38.3	9.48
Frequency (MHz)	ELFEXT (dB/100m)	PSNEXT (dB/100m)	PSELFEXT (dB/100m)	Impedance (Ohms)
1	67.8	72.3	64.8	100±15
4	55.8	63.3	52.8	
8	49.7	58.8	46.7	
10	47.8	57.3	44.8	
16	43.7	54.2	40.7	
20	41.8	52.8	38.8	
25	39.8	41.3	36.8	
31.25	37.9	49.9	34.9	
62.5	31.9	45.4	28.9	
100	27.8	42.3	24.8	
200	21.8	37.8	18.8	
250	19.8	36.3	16.8	

CHARACTERISTICS

Max. Conductor DC Resistance at 20°C (Ω/Km)	< 95
Rated Temperature (°C)	100°Cx24hx7d # -20°C±2°Cx4h
Rated Voltage (V)	300V
Velocity ratio	68%