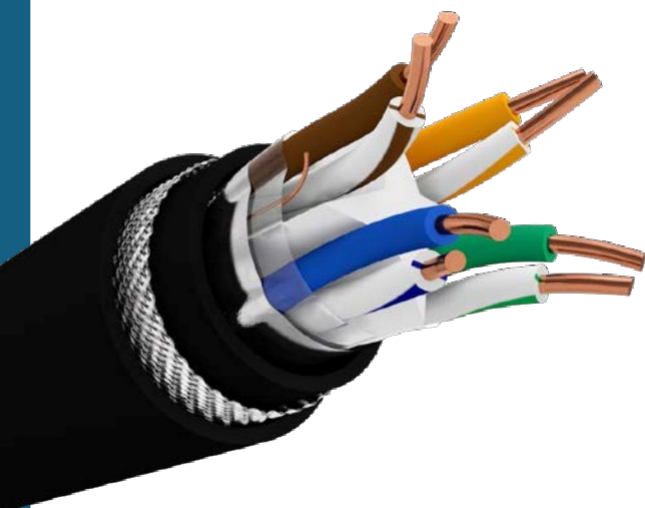
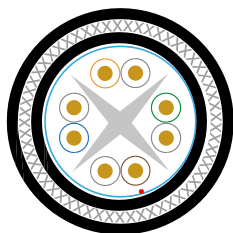


0200.6XFR5B

Cable CAT6 FTP Ext. 500m ANTIROEDORES,
FTP CAT6 RODENT PROTECTEC.



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:

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

Mains quality



Rodent
Protected



UV
Resistant

Features



Underground



Duct

CRP Class:



CABLE CONSTRUCTION

Conductor	Material	SOLID Bare Copper
	Nom.O.D (mm)	0.55 ± 0.01mm. 23AWGx4P
Insulation	Material	Solid PE
Insulation Diam. ø		1.14 ± 0.02mm
Thickness		AVG: 0.295mm MIN: 0.30mm
Twisted Pair (4), Unshielded	Polyester	Yes
	Filler	Yes
	AL Foil	Yes
	Drain Wire	0.4 STC
Jacket 1 (Outer) PE	Thickness	AVG: 0.90mm ± 0.80mm
	Outer Diam.ø	10mm
	Jacket Color (standard)	Black: RAL 9011
Jacket 2 (Inner) PE	Thickness	AVG: 0.5mm
	Outer Diam.ø	7.20 ± 0.30mm
Armour Galvanized Steel	Structure	16/3/0.20
	Coverage	90%
Code Color	1 White/Blue	2 White/Orange
	3 White/Green	4 White/Brown
Dimension - Weight	55x55x34cm - 128Kg/Km	
Packing	1 Wooden Drum	
Packing Length	500 ± 1.0m	

TECHNICAL PERFORMANCE (100m)

Frequency (MHz)	RL(dB) min.	Attenuation (dB/100m) max.	NEXT (dB/100m)	
1	20.0	2.00	74.30	
4	23.0	3.80	65.30	
10	25.0	6.00	59.30	
16	25.0	7.60	56.20	
20	25.0	8.50	54.80	
31.25	23.6	10.70	51.90	
62.5	20.5	15.40	47.40	
100	20.1	19.80	44.30	
250	17.3	32.80	38.30	
Frequency (MHz)	ELFEXT (dB/100m)	PSNEXT (dB/100m)	PSELFEXT (dB/100m)	Impedance (Ohms)
1	72.30	67.80	64.80	100±15
4	63.30	55.80	52.80	
10	57.30	47.80	44.80	
16	54.20	43.70	40.70	
20	52.80	41.80	38.80	
31.25	49.90	37.90	34.90	
62.5	45.40	31.90	28.90	
100	42.30	27.80	24.80	
250	36.30	19.80	16.80	

CHARACTERISTICS

Max. Conductor DC Resistance at 20°C (Ω/Km)	<93.8
Velocity Ratio	65%
Max. Permanent Current C.C	1Amp - 72VDC