

CABLE FTP C6 OUT DOOR INDUSTRIAL



CAS#SLW-FTP-C6

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 Vicoe
TR-16 Active and Passive
115M/662m/1.2GATM
IEEE802.3: 100Base;100Base-T 1GBase-T

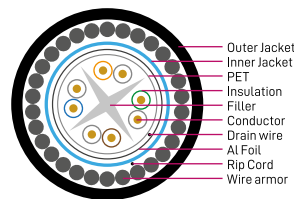
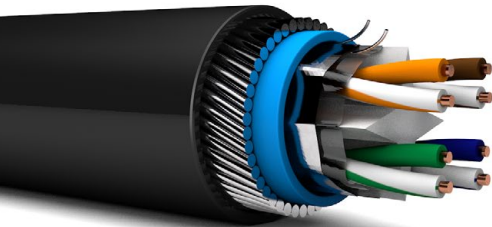
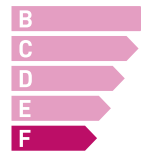
Mains quality



Features



CRP Class:



CABLE CONSTRUCTION

Conductor	Material	SOLID Bare Copper	
	Nom.O.D (mm)	0.55 ± 0.01mm. 23AWGx4P	
Insulation		FMPE	HDPE
Average Thickness (mm)		0.32	0.26
Insulation Dia. (±0.05mm)		1.22	1.1
Filler (CROSS)		PE	
PET		YES	
Drain wire Tinned Copper		Conductor Dia. (+/-0.01mm)	
		1/0.4	
AL-Foil		YES	
Rip Cord		YES	
Inner Jacket LSZH	Average Thickness (mm)	0.80	
	Min. Point Thickness (mm)	0.70	
	Outer Dia. (±0.5mm)	7.8	
Armor Steel Wire	Single Dia. (±0.03mm)	0.85	
	Coverage (%)	95%	
Outer Jacket PE RAL 9001 ●	Average Thickness (mm)	0.80	
	Min. Point Thickness (mm)	0.70	
	Outer Dia. (±0.5mm)	11.20	
Code Color	1 White / Blue	2 White / Orange	
	3 White / Green	4 White / Brown	
Packing	1 Wooden drum		
Weight	260Kg/Km		
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)	PSNEXT (dB/100m)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)	Impedance (Ohms)
1	67.80	72.30	64.80	100±15
4	55.80	63.30	52.80	
10	47.80	57.30	44.80	
16	43.70	54.20	40.70	
20	41.80	52.80	38.80	
31.25	37.90	49.90	34.90	
62.5	31.90	45.40	28.90	
100	27.80	42.30	24.80	
250	19.80	36.30	16.80	

CHARACTERISTICS

Max. Conductor DC Resistance at 20°C (Ω/Km)	<93.8
Velocity ratio	65%