



Rodent protected

23AWGX4P CABLE RODENT FTP C6. OUTDOOR

REF NO: CAS/PLW-FTP-C6-B5

PRODUCT DESCRIPTION

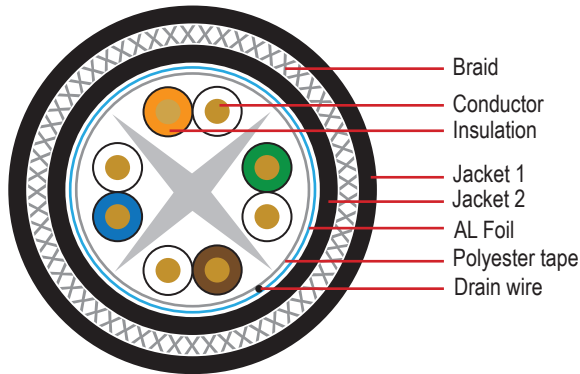
Standard Reference:

- 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
- CPR Class: **Fca**

Application:

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



CABLE CONSTRUCTION

Conductor	Material	SOLID-Bare Copper
	Nom.O.D (mm)	0.55 ± 0.01mm
Insulation	Material	Solid PE
Insulation Diam. Ø		1.14±0.02mm
Thickness		AVG: 0.295mm, MIN: 0.30mm
Each Pair is twisted, 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
Packing	1 Wooden drum	
Dimension - Weight	50x50x24cm - 128Kg/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)	ELFEXT (dB/100m)	PSNEXT (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%