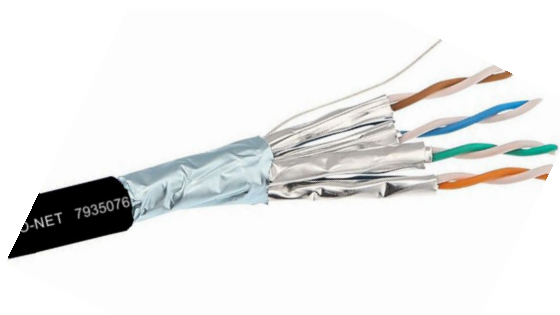
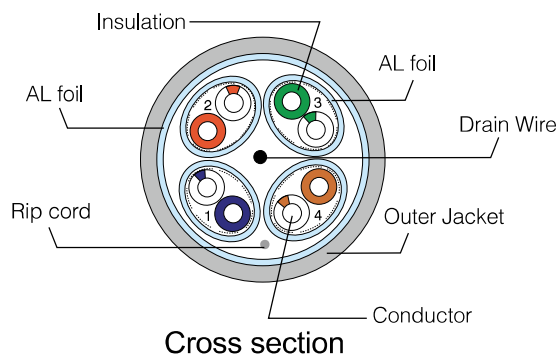


PRODUCT SCHEMATIC DIAGRAM



PE Sheath	Fca
Applicable Standards	ISO/IEC 11801, IEC 61156-5, EN 50173-1, EN 50173-2, EN 50288-10-1
Conductor Type and Size	Bare copper wire 23 AWG
Insulation	Foamed Polyethylene
Wire Diameter with Insulation	1.35±0.05 mm
Cable Diameter	7.5±0.3 mm
Weight	46 kg/km
Colour	RAL 9005
NVP	74 %
Propagation delay	570 ns/100 m
Delay skew	≤45 ns/100 m
Storage/Operation Temperature	-30 to 60 °C (PE)
Installation Temperature	0 to +50 °C

PRODUCT SCHEMATIC DIAGRAM



10 Gbps

500 MHz

FORCE

COMPLIANCE WITH THE REQUIREMENTS

- ANSI/TIA 568-C.2
- EN 50173-1:2002
- ISO/IEC 11801:2002
- IEC 61156-5
- EN50399:2011+A1:2016
- EN50575:2014+A1:2016

APPLICATION

- PBX, V.11, X.21, ISDN
- Fast Ethernet (100BASE-TX)
- Gigabit Ethernet (1000BASE-T)
- (10GBASE-T), ATMLAN 1,2 Gbit/s
- 10Gigabit Ethernet
- ATM-25/52/155 Mbit/s
- Token Ring 16/100 Mbit/s
- 100VG-AnyLAN
- Firewire 100 Mbit/s
- Ethernet (1Base-T)

Part No.	Description
■ 7935076	Installation Cable Category 6A 23AWG F/FTP SOL CABLE PE 500M Fca

OPTRO NET CAT 6A 23WAG F/FTP SOL CABLE – 10G / 500 MHZ

CATEGORY 6A INSTALLATION CABLES TRANSMISSION CHARACTERISTICS (AT 20°C)

f (MHz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	Prop. Delay (ns/100m)	ACR-F (dB/100m)	PSACR-F (dB/100m)	Return Loss (dB)
1	2,1	74,3	72,3	570	67,8	64,8	20,0
4	3,8	65,3	63,3	552	55,8	52,8	23,0
8	5,3	60,8	58,8	547	49,7	46,7	24,5
10	5,9	59,3	57,3	545	47,8	44,8	25,0
16	7,5	56,2	54,2	543	43,7	40,7	25,0
20	8,4	54,8	52,8	542	41,8	38,8	25,0
25	9,4	53,3	51,3	541	39,8	36,8	24,3
31,25	10,5	51,9	49,9	540	37,9	34,9	23,6
62,5	15	47,4	45,4	539	31,9	28,9	21,5
100	19,1	44,3	42,3	538	27,8	24,8	20,1
200	27,6	39,8	37,8	537	21,8	18,8	18,0
250	31,1	38,3	36,3	536	19,8	16,8	17,3
300	34,3	37,1	35,1	536	18,3	15,3	16,8
400	40,1	35,3	33,3	536	15,8	12,8	15,9
500	45,3	33,8	31,8	536	13,8	10,8	15,2



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