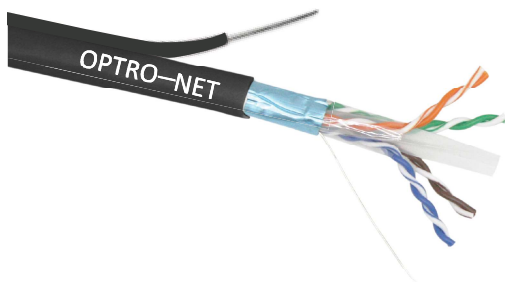


PRODUCT SCHEMATIC DIAGRAM



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

Polyethylene

Wire Diameter with Insulation

1.05±0.02 mm

Cable Diameter

7.4±0.2 mm (PE)
3.0±0.2 mm (PE)

Weight

69 kg/km (PE)

Colour

RAL 9005 (PE)

NVP

70 %

Propagation delay

570 ns/100 m

Delay skew

≤45 ns/100 m

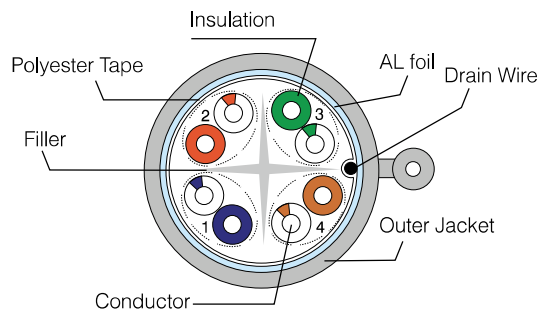
Storage/Operation Temperature

-30 to 60 °C (PE)

Installation Temperature

0 to +50 °C

PRODUCT SCHEMATIC DIAGRAM



Cross section

1 Gbps

250 MHz

FORCE

COMPLIANCE WITH THE REQUIREMENTS

■ ANSI/TIA 568-C.2

■ EN50575:2014+A1:2016

■ ISO/IEC 11801:2002

■ IEC 60332-1-2:2004+A1:2015

■ IEC 61156-5

APPLICATION

■ PBX, V.11, X.21, ISDN

■ Fast Ethernet (100BASE-TX)

■ Gigabit Ethernet (1000BASE-T)

■ (1GBASE-T), ATMLAN 1,2 Gbit/s

■ 1 Gigabit Ethernet

■ ATM-25/52/155 Mbit/s

■ Token Ring 16/100 Mbit/s

■ 100VG-AnyLAN

■ Firewire 100 Mbit/s

■ Ethernet (1Base-T)

Part No.

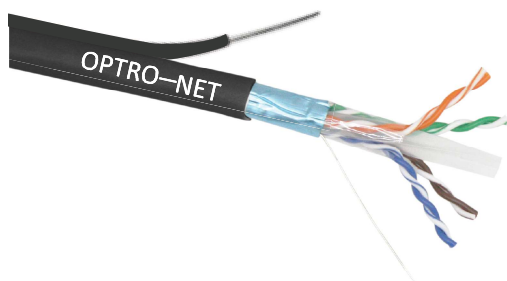
Description

■ 7934018SS

Installation Cable Category 6 Outdoor Self Supporting 23AWG F/UTP SOL CABLE PE 305M Fca

CATEGORY 6 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	2,0	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	546,7	49,7	46,7	24,5
10	6,0	59,3	57,3	545,4	47,8	44,8	25,0
16	7,6	56,2	54,2	543	43,7	40,7	25,0
20	8,5	54,8	52,8	542	41,8	38,8	25,0
25	9,5	53,3	51,3	541,2	39,8	36,8	24,2
31,25	10,7	51,9	49,9	540,4	37,9	34,9	23,3
62,5	15,4	47,4	45,4	538,6	31,9	28,9	20,7
100	19,8	44,3	42,3	537,6	27,8	24,8	19
200	29,0	39,8	37,8	536,5	21,8	18,8	16,4
250	32,8	38,3	36,3	536,3	19,8	16,8	15,6



■ 7934018SS

