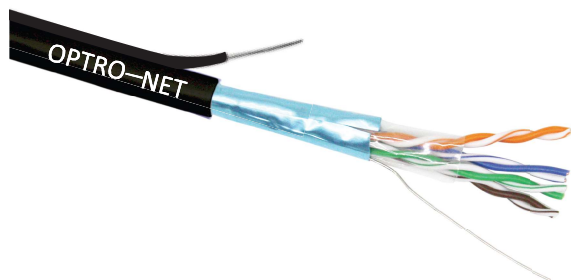
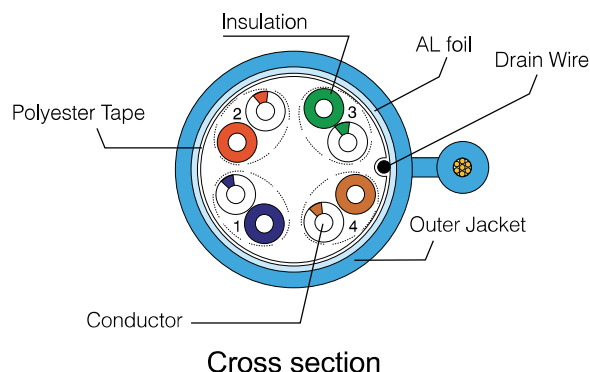


## PRODUCT SCHEMATIC DIAGRAM



## 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 24 AWG
Insulation	Polyethylene
Wire Diameter with Insulation	0.96±0.02 mm
Cable Diameter Strand-FE 7/0,4mm	5.7±0.2mm (PE) 2.7±0.2mm (PE)
Weight	44 kg/km (PE)
Colour	RAL 9005 (PE)
NVP	69 %
Propagation delay	570 ns/100 m
Delay skew	≤45 ns/100 m
Storage/OperationTemperature	-30 to 60 °C (PE)
Installation Temperature	0 to +50 °C

## 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

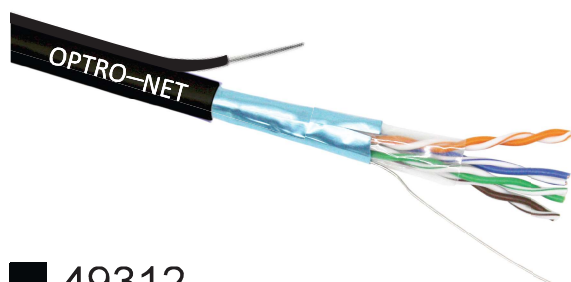
## APPLICATION

- 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)

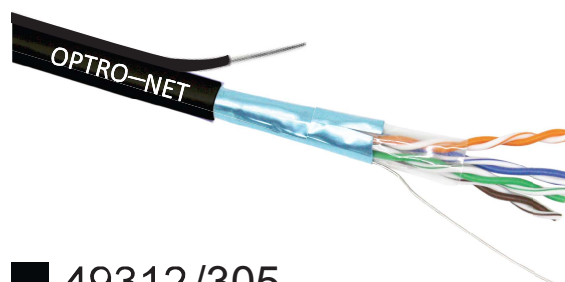
Part No.	Description
■ 49312	Installation Cable Category 5E Outdoor Self Supporting 24AWG F/UTP SOL CABLE PE 500M Fca
■ 49312/305	Installation Cable Category 5E Outdoor Self Supporting 24AWG F/UTP SOL CABLE PE 305M Fca

### CATEGORY 5E 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	65,3	62,3	570	63,8	60,8	20,0
4	4,1	56,3	55,3	552	51,8	48,8	23,0
8	5,8	51,8	48,8	547	45,7	42,7	24,5
10	6,5	50,3	47,3	545	43,8	40,8	25,0
16	8,2	47,2	44,2	543	39,7	36,7	25,0
20	9,3	45,8	42,8	542	37,8	34,8	25,0
25	10,4	44,3	41,3	541	35,8	32,8	24,2
31,25	11,7	42,9	39,9	540	33,9	30,9	23,3
62,5	17,0	38,4	35,4	539	27,9	24,9	20,7
100	22,0	35,3	32,3	538	23,8	20,8	19



■ 49312



■ 49312/305

