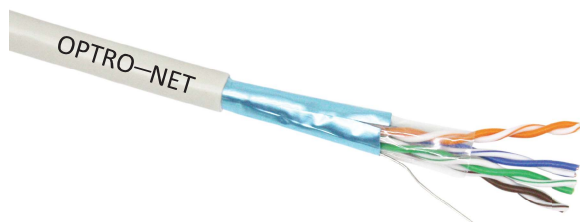
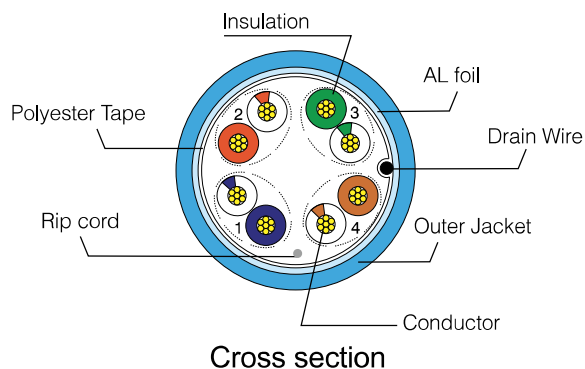


PRODUCT SCHEMATIC DIAGRAM



PRODUCT SCHEMATIC DIAGRAM



PVC Sheath	IEC 60754-2, IEC 61034-2, IEC 60332-1-2,
Applicable Standards	ISO/IEC 11801, EN 50173-1
Conductor Type and Size	Stranded Bare copper wire 24 AWG
Insulation	Polyethylene
Wire Diameter with Insulation	0.90±0.02 mm
Cable Diameter	5.8±0.2 mm (PVC)
Weight	34.5 kg/km (PVC)
Colour	RAL 7004 (PVC)
NVP	69 %
Propagation delay	570 ns/100 m
Delay skew	≤45 ns/100 m
Storage/Operation Temperature	-30 to 90 °C (LSZH, LSZHFR), -20 to 75 °C (PVC) -30 to 60 °C (PE)
Installation Temperature	0 to +50 °C

COMPLIANCE WITH THE REQUIREMENTS

- ISO/IEC 11801 Class Fca
- IEC 60332-1-2:2004+A1:2015
- EN50575:2014+A1:2016
- IEC 60754-2:2011
- EN 50173-1:2002
- IEC 61034-2:2005+A1:2013

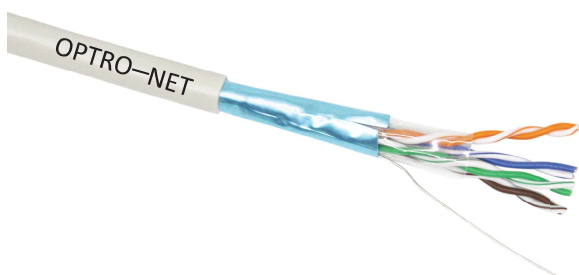
FEATURES

- Unique design of Cat5e RJ45 modular plugs and line pair decrease cross talk and increase allowance
- Excellent attenuation and crosstalk continuity
- Meet or exceed the requirement for F/UTP system
- Durability:1000 Plugging
- Allow RJ45 plugs to provide high-density solution
- Available in different colors
- They are available in a variety of the length

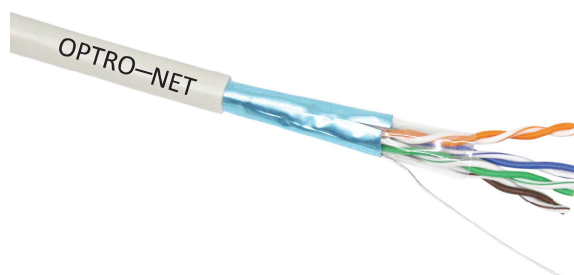
Part No.	Description
■ 49341	Cable Category 5E 24AWG F/UTP STR CABLE PVC 305M Fca
■ 49341/500	Cable Category 5E 24AWG F/UTP STR CABLE PVC 305M Fca

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



49341



49341/500

