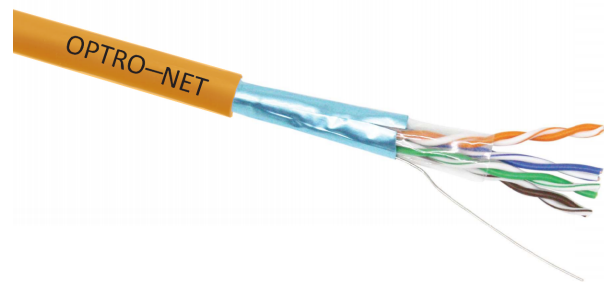
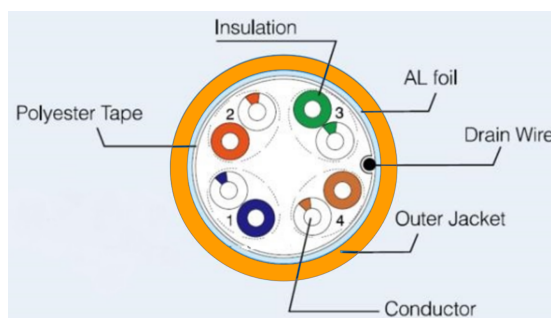


PRODUCT SCHEMATIC DIAGRAM



LSZH FR Sheath	IEC 60754-2, IEC 61034-2, IEC 60332-1-2, EN 50575, EN 50399, Reaction to fire B2ca Cca
LSZH Sheath	IEC 60754-2, IEC 61034-2, IEC 60332-1-2, Reaction to fire Dca Eca
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	Foamed Polyethylene
Wire Diameter with Insulation	1.02±0.05 mm
Cable Diameter	(6.2±0.3) mm (LSZH FR)
Weight	41 kg/km (LSZH FR)
Colour	RAL 2008 (LSZH)
NVP	69 %
Propagation delay	570 ns/100 m
Delay skew	≤45 ns/100 m
Storage/Operation Temperature	-30 to 90 ° C (LSZH, LSZHFR),
Installation Temperature	0 to +50 ° C

PRODUCT SCHEMATIC DIAGRAM



Cross section

1 Gbps	1000 MHz	FORCE
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COMPLIANCE WITH THE REQUIREMENTS

■ ANSI/TIA 568-C.2	■ EN 50173-1:2002
■ ISO/IEC 11801:2002	■ IEC 60332-1-2:2004+A1:2015
■ IEC 61156-5	■ IEC 60754-2:2011
■ EN50399:2011+A1:2016	■ IEC 61034-2:2005+A1:2013
■ 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.

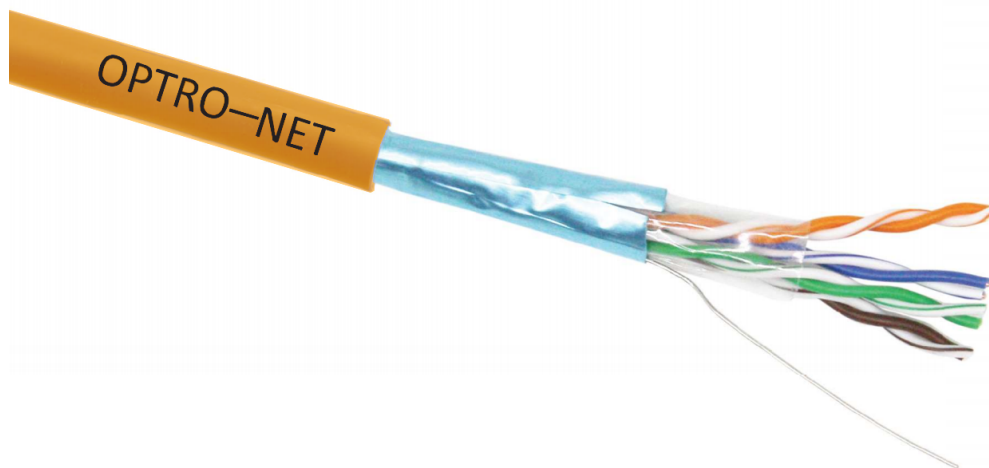
Description

■ 493540R-B-500

Installation Cable Category 5E 24AWG F/UTP SOL CABLE LSZH 500M B2ca

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, 2
31, 25	10, 5	51, 9	49, 9	540	37, 9	34, 9	23, 3
62, 5	15	47, 4	45, 4	539	31, 9	28, 9	20, 7
100	19, 1	44, 3	42, 3	538	27, 8	24, 8	19



493540R-B-500

