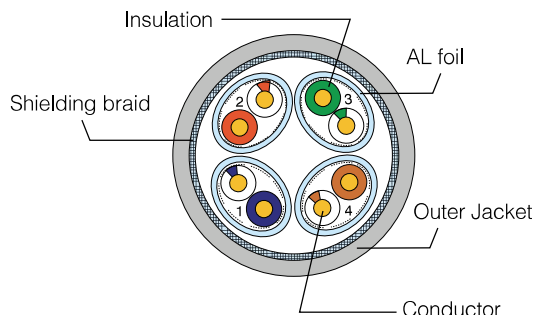


PRODUCT SCHEMATIC DIAGRAM



LSZH FR Sheath	IEC 60754-2, IEC 61034-2, IEC 60332-1-2, EN 50575, EN 50399, B2ca
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	1.38±0.05 mm
Cable Diameter	7.5±0.3 mm (LSZH FR)
Weight	53 kg/km (LSZH)
Colour	RAL 2008 (LSZH)
NVP	76 %
Propagation delay	570 ns/100 m
Delay skew	≤25 ns/100 m
Storage/Operation Temperature	-30 to 90 °C (LSZH, LSZHFR)
Installation Temperature	0 to +50 °C

PRODUCT SCHEMATIC DIAGRAM



Cross section

10 Gbps

600 MHz

FORCE

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
- 10 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
■ C7SFTPZHORB	Installation Cable Category 7 23AWG S/FTP SOL CABLE LSZH 500M B2ca

OPTRO NET CAT 7 23WAG S/FTP SOL CABLE – 10G / 600 MHZ

CATEGORY 7 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	—	78,0	75,0	—	78,0	75,0	—
4	3,7	78,0	75,0	552	78,0	75,0	23,0
8	5,2	78,0	75,0	547	75,9	72,9	24,5
10	5,9	78,0	75,0	545	74,0	71,0	25,0
16	7,4	78,0	75,0	543	69,9	66,9	25,0
20	8,3	78,0	75,0	542	68,0	65,0	25,0
25	9,3	78,0	75,0	541	66,0	63,0	24,3
31,25	10,4	78,0	75,0	540	64,1	61,1	23,6
62,5	14,9	75,5	72,5	539	58,1	55,1	21,5
100	19,0	72,4	69,4	538	54,0	51,0	20,1
200	27,5	67,9	64,9	537	48,0	45,0	18,0
250	31,0	66,4	63,4	536	46,0	43,0	17,3
300	34,2	65,2	62,2	536	44,5	41,5	17,3
400	40	63,4	60,4	536	42,0	39,0	17,3
500	45,3	61,9	58,9	536	40,0	37,0	17,3
600	50,1	60,7	57,7	535	38,4	35,4	17,3



C7SFTPZHORB

