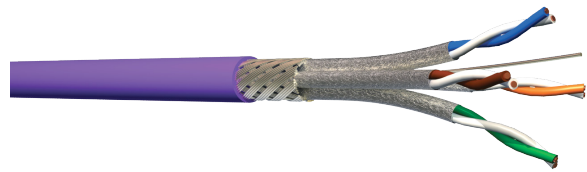
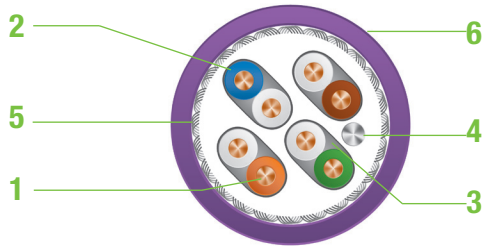




600xSHy

S/FTP CAT7 4 or 2x4 pairs cable 600MHz LSZH sheath



1. **Conductor** : solid bare copper AWG23
2. **Insulation** : PE Skin Foam Skin
3. **Individual shield** : Aluminum/Polyester foil - coverage 110%
4. **Drain wire** : Solid tinned copper
5. **General shield** : Tinned copper braid
6. **Outer sheath** : LSZH - RAL 4001

DESCRIPTIONS

The 6004 data cable is used in full shielded structured cabling system, for horizontal or vertical configuration. This cable offer an excellent high-speed and error free transmission up to 600MHz thanks to his double shielding S/FTP.

The double shield, aluminum foil and copper braid, offer to the cable a very high electromagnetic immunity (coupling attenuation > 75 dB).

APPLICATIONS

Ethernet Base T up to 10Gbits/s	TOKEN RING 4/16 MBITS
ISDN	ATM 155, 622Mbits/s & 1.2Gbits
IEEE 802.3 af /at : PoE and PoE+	

STANDARDS

CABLE	IEC 61156-5 CAT7
SYSTEME	ISO / IEC 11801 Ed2.2 Class F

ELECTRICAL PROPERTIES

Max linear electrical resistance	95 Ω/Km
Mutual capacity (nom)	45 pF/m
Characteristic impedance	100 +/- 15Ω
Nominal Velocity Propagation	78%



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ENVIRONMENTAL PROPERTIES

CPR Level	Dca - s2,d2,a2
Fire behaviour	IEC 60332-1
Operating Temperature	-20°C / +70°C
Minimum bending radius	8 x cable diameter
Compliant to RoHS	

TRANSMISSION PERFORMANCES @20°C

(* standard : values from IEC 61156-5)

Freq (Mhz)	Attenuation		NEXT (dB)		PS NEXT (dB)		ACR-F (dB)		PS ACR-F		RL (dB)	
	standard (*)	typical value	standard (*)	typical value	standard (*)	typical value	standard (*)	typical value	standard (*)	typical value	standard (*)	typical value
1	2	31.8	78	90	75	87	78	105	75	102	20	27
10	5.9	5.6	78	90	75	87	74	97	71	94	25.0	30
16	7.5	6.9	78	90	75	87	69.9	93	55.9	90	25.0	30
20	8.3	7.9	78	88	75	85	58	91	55.0	88	25	30
31.25	10.5	9.8	78	88	75	85	54	87	51.1	84	23.5	30
62.5	14.8	13.9	75.1	88	72.5	85	58.1	81	55.1	78	21.5	30
100	19.1	17.6	72.9	88	59.9	85	54	77	51	74	20	30
200	27.6	25.2	67.9	82	64.9	79	48	71	45	68	18.0	25
300	34.1	31.0	65.3	79	52.3	76	44.5	67	41.5	64	17.3	24
600	50	44.9	60.8	75	57.8	72	38.4	61	35.4	58	17.3	22

ORDERING INFORMATION

CABLE 4 PAIRS			
P/N	DESCRIPTION	EXTERNAL DIAMETER	PACKAGING
60045SHEV	CAT7 CABLE S/FTP 4 PAIRS LSZH	7.6 mm	DRUM 500M
6004SHEV	CAT7 CABLE S/FTP 4 PAIRS LSZH		DRUM 1000M

CABLE 2x4 PAIRS			
P/N	DESCRIPTION	EXTERNAL DIAMETER	PACKAGING
60085SHEV	CAT7 CABLE F/FTP 2x4 PAIRS LSZH	7.6 x 16 mm	DRUM 500M
6008SHEV	CAT7 CABLE F/FTP 2x4 PAIRS LSZH		DRUM 1000M

