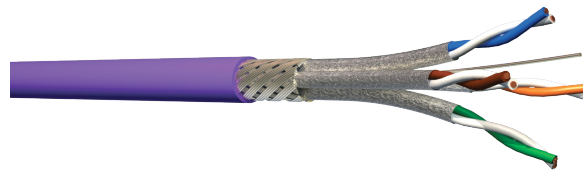
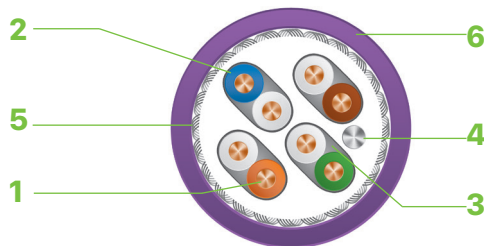




600xSHB2y

S/FTP CAT7 4 or 2x4 pairs cable 600MHz LSZH sheath B2ca



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 6004SH data cable is used in full shielded structured cabling system, for horizontal configuration. This cable offer an excellent high-speed and error free transmission up to high frequency, 600Mhz. The combination of individual foil and general braid offer to the cable a very high electromagnetic immunity (coupling attenuation > 75 dB), recommended in case of disturbed environnement.

APPLICATIONS

Ethernet Base T up to 10Gbits/s	TOKEN RING 4/16 MBITS
ISDN	ATM 155, 622Mbps/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	B2ca - s1,d1,a1
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	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
6004SHB25	CAT7 CABLE S/FTP 4 PAIRS LSZH B2ca	7.6 mm	DRUM 500M
6004SHB210	CAT7 CABLE S/FTP 4 PAIRS LSZH B2ca		DRUM 1000M