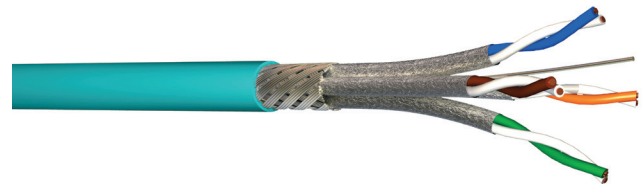
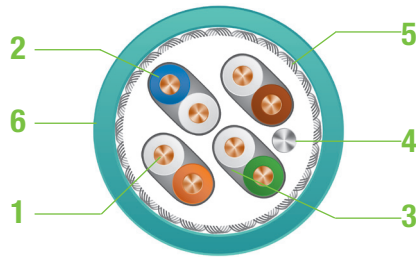




SF20004SHy

100Ω S/FTP CAT8 cable 4 pairs 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 6027

DESCRIPTIONS

Thanks to an individually aluminum shielded pairs and a general braid, associated to special assignment of the lays of the cables we achieve a bandwidth of 2000MHz and a 40Gbps rate. By consequence, the SF2000, CAT8.1 cable is a perfect solution for Data Center with an excellent price/quality ratio.

This cable is 100% tested with a network analyser using balun-less technology that permits to offer a warranted performances (cable delivered with test report)

The double shielding offer to the SF2000 cable a very high EMC, perfect solution in an environment with high interferences such as data center where the number of high frequency transmissions is high.

APPLICATIONS

Ethernet IEEE 802.3an 10GBaseT on 90m	TOKEN RING 4/16 MBITS
Ethernet IEEE 802.3bq 40GBaseT on 30m	ATM 155, 622Mbps/s & 1.2Gbits
IEEE 802.3 af & an : PoE & PoE+ and future IEEE 802.3 bt (4pPoE)	

STANDARDS

CABLE	IEC 61156-9 CAT8.1
SYSTEM	ISO 11801 Ed3 Class I
	TIA 568-C.2-1 CAT8



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ELECTRICAL PROPERTIES

Max linear electrical resistance	135 Ω/Km
Mutual capacity (nom)	44 pF/m
Characteristic impedance	100 +/- 15Ω
Nominal Velocity Propagation	75%

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	

ORDERING INFORMATION

CABLE 4 PAIRS			
P/N	DESCRIPTION	EXTERNAL DIAMETER	PACKAGING
SF20004SH5	CAT8 CABLE S/FTP 4 PAIRS LSZH	8.1 mm	DRUM 500M