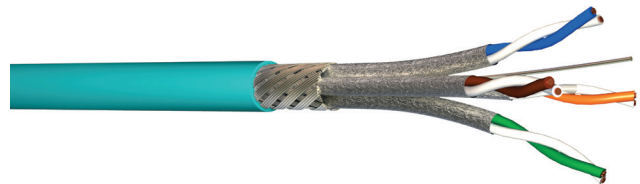
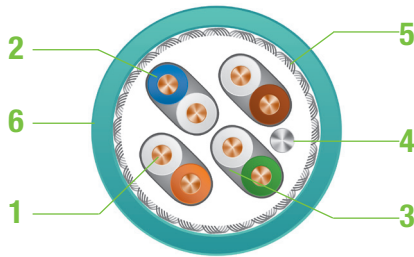




SF20004SHy

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, 622Mbits/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 |