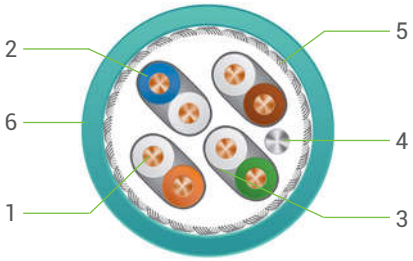
SF20004SHCY

100Ω S/FTP CAT8 cable 4 pairs LSZH Cca 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

DESCRIPTION / APPLICATIONS

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 DC where the number of high frequency transmissions is high.

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

STANDARDS

CABLES : 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	Cca - s1,d1,a1
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**
SF20004SHC5	CAT8 CABLE S/FTP 4 PAIRS LSZH Cca	8.1 mm	DRUM 500M

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