Data Sheet 1/2

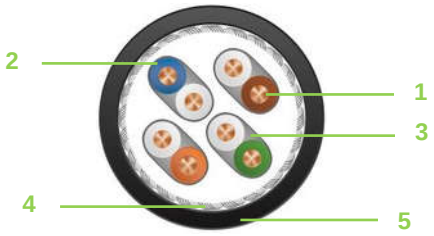
Ed1 RBA 05/17

REF : SF500XSHA26IO

CAT6A S/FTP 4 PAIRS CABLE AWG26 LSZH INDOOR OUTDOOR



SF5004SHA26IO



1. **Conductor:** Solid bare copper AWG 26
2. **Insulation** : PE skin-foam skin
3. **Individual shield of pairs:** Aluminum/polyester foil; aluminum face outwards
4. **General Shield:** Tinned copper braid
5. **Outer jacket:** LSZH – Black RAL9005 INDOOR/OUTDOOR

Application

Individually shielded pairs with Aluminium foil and general braid Cable S/FTP, it's used in IP security link : outside/inside IP camera or all others IP terminal.

It will ensure an excellent signal transmission with a very high rate thanks to an excellent CEM provide by the double shielding.

This cable is used for transmission of digital and analogue voice, Data and video signals.

It can transmit :

- ISDN - RNIS
- TOKEN RING 4/16 Mbits
- 100 VG-AnyLAN
- TP-PMD/TP-DDI
- ATM 155, 622 Mbits/s and 1,2Gbits
- ETHERNET up to 1000BaseT on 90m
- ETHERNET 10G BaseT on 60m
- IEEE 802.3 af & at – PoE and PoE+

Standards

CABLE	IEC 61156-5 CAT 6A on 60m
SYSTEM	ISO11801 CLASS Ea Ed 2.2 EN 50173 CLASS Ea TIA 568-C.2 CAT6A

This document is confidential, and is the property of MMC. MMC own the copyright, and the document must not be copied or changed in any form, wholly or in part without written permission from MMC. The contents of this document must be disclosed to any other person or persons.
The characteristics related to this document are not contractual, and can be modified without warning.

Data Sheet 2/2

Ed1 RBA 05/17

REF : SF500XSHA26IO

CAT6A S/FTP 4 PAIRS CABLE AWG26 LSZH INDOOR OUTDOOR

Electrical properties @ 20°C	Mechanical characteristics
Max. linear resistance : 145 Ω/Km	Fire behaviour : IEC 60332-1 Smoke emission : Density : IEC 61034-2 Corrosive gases : IEC 60754-1/-2
Mutual capacity (nom.): 452 pF / m	Operating temperature : - 20° C / + 60°C
Characteristic impedance: 100 +/-5 Ω	Minimum bending radius: 8 x Øext
Velocity of propagation: 70 %	Conform to RoHS directive

MEASURE (MHz)	ATTENUATION (dB/60 m)		NEXT(dB)		PS NEXT (dB)		ACR-F (dB)		RETURN LOSS (dB)	
	Standard (dB/100m)	M.M.C (dB/60m)	*Standard*	M.M.C	*Standard*	M.M.C	*Standard*	M.M.C	*Standard*	M.M.C
1	2.0	**1.8**	75.3	**80**	72.3	**73**	67.8	**75**	20.0	**36**
4	3.8	**3**	66.3	**77**	63.3	**74**	55.8	**65**	23.0	**35**
10	6.0	**5**	60.3	**72**	57.3	**69**	47.8	**50**	25.0	**35**
16	7.6	**6.1**	57.2	**70**	54.2	**67**	43.7	**48**	25.0	**32.5**
20	8.5	**8.4**	55.8	**68**	52.8	**65**	41.8	**45**	25	**35**
31.25	10.7	**9.1**	52.9	**66**	49.9	**63**	37.9	**40**	23.6	**34**
62.5	15.4	**15**	48.4	**64**	45.4	**61**	31.9	**36**	21.5	**33**
100	19.1	**19**	45.3	**60**	42.3	**57**	27.8	**32**	20.1	**32**
200	27.5	**27**	40.8	**55**	37.8	**52**	21.8	**30**	18	**31**
250	31.0	**30**	39.3	**50**	36.3	**47**	19.8	**25**	17.3	**28**
350	45.2	**44**	37.2	**47**	34.2	**44**	16.9	**20**	17.3	**24**
500	45.2	**44**	34.8	**45**	31.8	**42**	13.8	**18**	17.3	**22**

Standard values/ IEC61156-5 Cat 6A

Ordering information

P/N	**SF5004SHA26IO**
Pairs number	4
AWG	26
External diameter (nom)	6
Packaging	Drum 1000m

This document is confidential, and is the property of MMC. MMC own the copyright, and the document must not be copied or changed in any form, wholly or in part without written permission from MMC. The contents of this document must be disclosed to any other person or persons.
The characteristics related to this document are not contractual, and can be modified without warning.