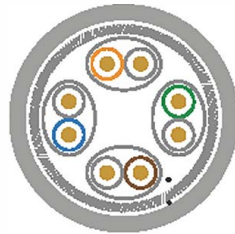
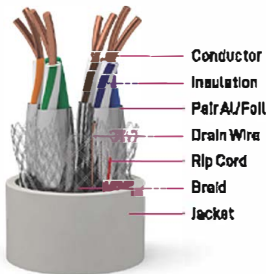
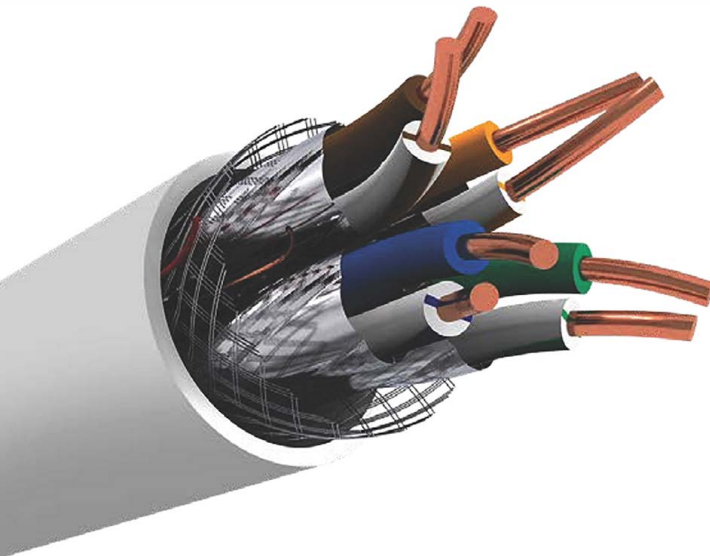


CABLE S/FTP C7

220.D200.7LSR5B



CABLE CONSTRUCTION

Conductor	Material	SOLID Bare Copper
	Nom.O.D (mm)	0.540 ± 0.005mm. 23AWG
Insulation	Material	HPDE
Insulation Diam. ø		1.06 ± 0.02mm
Pair Screening material	Aluminum Foil	Drain wire
All over Screening material	Tinned copper 0.10mm Braid	Coverage ≥ 40%
Sheath	Thickness	0.55 ± 0.05mm
	External O.D	7.8 ± 0.5mm
	Surface	Clean
	Material	LSZH-RoHS
Surface Printing	Jacket Color	White: RAL 9016 ○
	Letter Height	3.0 ± 0.3mm
	Color	Black
Code Color	Print error & Space	≤ ± 0.5%, 1m
	1 White/Blue	2 White/Orange
	3 White/Green	4 White/Brown
Dimension - Weight	50x50x24cm - 59Kg/Km	
Packing	1 Wooden drum	
Packing Length	500 ± 1.0m	

PRODUCT DESCRIPTION

• Standard Reference:

ISO/IEC11801:2011
IEC 61156-5:2012
EN 13501-6
EN 50173-1:2011
EN 50173-2:2007 Including amendment A1:2010
EN 50288-9-1:2012
EN 50288-4
EN 50575:2014+A1:2016
EN 60332-1[1,2], 60332-3C, 60754-[1,2], 61034-[1,2]
ANSI/TIA-568-6-2:2009

• Rated temperature: 90°C

• Installation temperature:

-30°C~+50°C

• RoHS/REACH complied

• DoP N°: 2658-CPR-5015_FAM098_02

• Application:

VoIP, ISDN
Token, 100M TP-PDM
Analog and Data Video
TR-16 Active and Passive
115M/662m/1.2GATM
IEEE802.3:100Base, 100Base-T,
10Base-T, 10GBase-T

CPR Class:



TECHNICAL PERFORMANCE (100m)

Frequency RL (MHz)	Return loss (dB)	ATT ≤dB	NEXT ≤dB	PSNEXT ≤dB	ELFEXT ≤dB	PS ELFEXT ≤dB
1	20.0	2.0	78.0	75.0	78.0	75.0
4.0	23.0	3.74	78.0	75.0	78.0	75.0
10.0	25.0	5.86	78.0	75.0	74.0	71.0
16.0	25.0	7.41	78.0	75.0	69.9	66.9
20.0	25.0	8.29	78.0	75.0	68.0	65.0
31.25	23.6	10.41	78.02	75.0	64.1	61.1
62.5	21.5	14.88	75.5	72.5	58.1	55.1
100	20.1	19.80	72.4	69.4	54.0	51.0
200	18.0	27.47	67.9	64.9	48.0	45.0
250	17.3	30.97	66.4	63.4	46.0	43.0
300	17.3	34.19	65.2	62.2	44.5	41.5
400	17.3	40.0	63.4	60.4	42.0	39.0
500	17.3	45.30	61.9	58.9	40.0	37.0
600	17.3	50.10	60.7	57.7	38.4	35.4

Sheath Physical Properties

Before Aging Tensile Strength (Mpa) ≥ 10.0
Elongation (%) ≥ 125
Aging Period (°C x hrs) 10°C x 24h x 7d
After Aging Tensile Strength (Mpa) ≥ 8
Elongation (%) ≥ 100
Cold bend (-20 ± 2°C x 4h) 8x Cable O.D
No visible cracks

Electrical Characteristics (20°C)

Impedance (Ω):
(1-100MHz) 100 ± 15Ω
(100MHz) 100 ± 15Ω

Delay Shew (ns/100m) ≤ 25

Velocity of Propagation (%) 74

Unbalanced-to-ground capacitance (pf/100m) max 30

DC Resistance (Ω/100m) max 93.8 (20°)

DC Conductor Resistance Unbalance (%) max 2.0