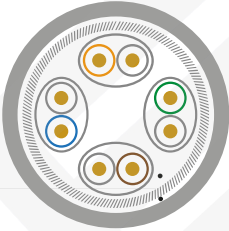
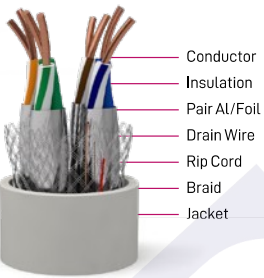
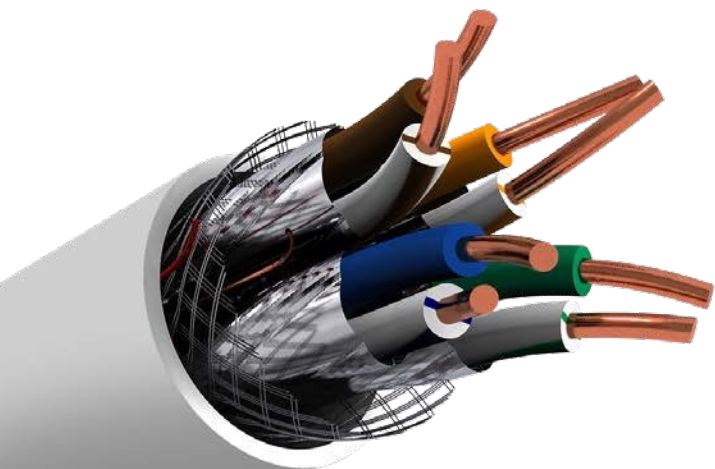


Cable S/Ftp Ideal Cat-7 Lszh-Dca (500m)

REF:CASF7LD5



PRODUCT DESCRIPTION

- **Standard Reference:**
 - ISO/IEC 11801:2011
 - 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[1,2], 60332-3C, 60754-1[1,2], 61034-1[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, 1GBase-T, 10GBase-T

CRP Class:



TECHNICAL PERFORMANCE (100m)

Frequency RL (MHz)	Return loss (dB)	ATT ≤dB	NEXT ≤dB	PSNEXT ≤dB	ELFEXT ≤dB	PSELFEXT ≤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

CABLE CONSTRUCTION		
Conductor	Material	SOLID Bare Copper
	Nom.O.D (mm)	0.560 ± 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	Coverage ≥ 40%
	0.10mm Braid	
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
	Print error & Space	≤ ± 0.5%, 1m
Code Color	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	

Sheath Physical Properties	Before Aging Tensile Strength (Mpa)≥ 10.0 Elongation (%)≥ 125 Aging Period(°Cxhrs) 10°Cx24hx7d After Aging Tensile Strength (Mpa)≥8 Elongation (%)≥ 100 Cold bend (-20±2°C4h) 8xCable O.D No visible cracks	
	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	
Electrical Characteristics (20°C)	DC Resistance(Ω/100m) max 93.8 (20°)	
	DC Conductor Resistance Unbalanc (%) max 2.0	

Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.