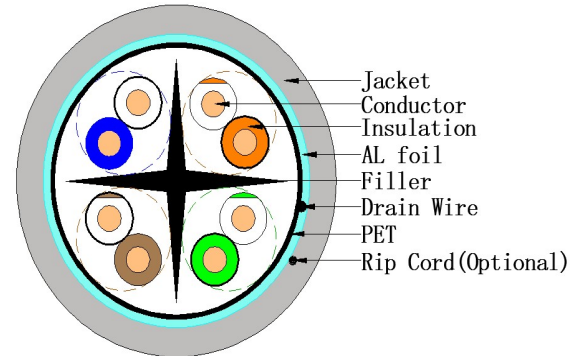


# 6A568D CAT6A F/UTP LSZH DATA CABLE(305M/DR)

Rated Temperature(°C)	75
Rated Voltage(V)	300
Flaming test	IEC60332-1
Application	10/100/1000/10GBase-T,1000Base-TX, ATM, FDDI,Video,ISDN, Breitband
Reference Standard	ANSI/TIA-568.2-D, ISO/IEC 11801-1 and EN 50173-1



## Technical info

Conductor	Solid Bare Copper	
AWG	23	
Conductor Dia. (±0.008mm)	0.55	0.55
Insulation	FMPE	HDPE
Average Thickness(mm)	0.31	0.25
Insulation Dia.(±0.05mm)	1.18	1.05
Twisting Lay Length(mm)	30underneath	
Cabling Lay Length(mm)	200underneath	
Filler(CROSS)	PE	
PET	YES	
Drain wire	Solid Tinned Copper	
Conductor Dia. (±0.008mm)	0.40	
AL foil	YES	
Jacket	LSZH	
Average Thickness(mm)	0.50	
Min. Point Thickness(mm)	0.42	
Outer Dia.(±0.3mm)	7.30	
Rip Cord	Optional	
Weight(kg/km)	-----	

Characteristic Impedance (ohms)	1-100MHz
Max. Conductor DC Resistance 20°C (Ω/km)	93.8
Min. insulation resistance(MΩ*km)	5000
Mutual Capacitance @1KHz(nF/KM)	< 56
Pair-to-Ground Capacitance Unbalance (pF/100m)	<=330
Delay Skew (ns/100m)	1-500MHz
Resistance Unbalance within a pair(%)	<=4
Min.Bending Radius Operation	4*OD
Min.Bending Radius Installation	8*OD
Mechanical characteristics	
Minimum elongation at break of the conductor	>=10%
Minimum elongation at break of the insulaton	>300%
Minimum elongation at break of the sheath	>100%
Tensile strength of Sheath	>9Mpa
Aging Condition (°C x hrs)	100 x 168
After Tensile Strength (Mpa)	≥70% of unaged
Aging Elongation (%)	≥70% of unaged

## Stock code

No.	Description
CAUFC6A.CCM	CCM 6A568D CAT6A F/UTP LSZH DATA CABLE(305M/DR)

Note: Due to continuous development and improvement, our company reserves the right to change specification without notice.