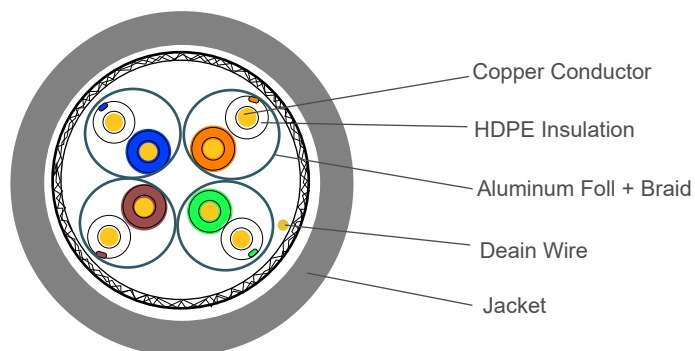


▪ SP-SFTP-6A



Structure	Construction	S/FTP	APPLICATION:	
	Number of pairs	4Pairs		
Conductor	AWG	23AWG	100 Base-TX 100 Base-T 1000 Base-T(Gigabit Ethernet) 1000 Base-TX 155Mbps ATM 622Mbps ATM 10Gb Ethernet	
	Material	Solid copper		
	Conductor dimension (mm)	0.57± 0.01		
Insulation	Insulation Material	FOAM PE & HDPE		
	Insulation dimension(mm)	1.38± 0.05MM		
Pairs	1	White/Blue	Electrical Characteristics	1--500MHz Impedance 100±15Ω
	2	White/Orange		Max. delay skew≤45/100m
	3	White/Green		Max. conductor resistance 93.8 Ω/km
	4	White/Brown		Max. conductor resistance unbalanc 4%
Filler	Filler material	N/A		Min. insulation resistance 5000 MΩ · km
Binder	Binder material	N/A		Nom. mutual capacitance ≤5.6 nF/100m
Shieldt	Individual shield & material	AL-Foil		Nominal velocity of propagation 77%
	Primary overall shield & material	N/A		Outer jacket tensile strength ≥ 10Mpa
	Secondary overall shield & material	AL-MG braid	Mechanical Characteristics	Outer jacket elongation≥ 125%
	Shield coverage	≥ 40%		Outer jacket aging condition 100°C x 168hrs
Outer jacket	Drain wire	0.40mm Tinned copper		After aging, Tensile strength ≥ 8Mpa
	Outer jacket material	LSZH		After aging, Elongation ≥ 100%
	Outer jacket nominal thickness(mm)	0.53± 0.05		Cold bend No crack (@-20 °C x4hrs)
	Overall dimension (mm)	7.7± 0.3 mm		Hot impact NO Crack(@150°C x4hrs)
	Outer jacket colour	Per customer request		
	Outer jacket rip cord	YES		
Packing	Per customer request			
Test	Perm.Link test by fluke 90±5m			

RoHS

