



### CATEGORY 8 CABLE,SFTP,4 PAIRS,100Ω, LSZH

- Conductor : Material : solid bare copper
- Diameter : 0.64±0.01mm /22AWG
- Insulation : Material : SKIN-FOAM-SKIN PE
- Diameter : 1.60±0.05mm
- Al foil : Overlap rate : ≥25%
- Braiding : 16\*6\*0.12mm AL-Mg alloy Coverage rate : ≥50%
- Other : Filler
- Drain wire : 1\*0.4 tinned copper
- Rip cord : optional
- Diameter : 8.4±0.5mm
- Thickness : 0.55mm (Average)

Physical Characteristics	Electrical Characteristics (20°C)
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- Conductor Elongation ratio : ≥15%
- Insulation Tensile strength : ≥10Mpa
- Insulation Elongation ratio : ≥200%
- LSZH Jacket Tensile strength : ≥10MPa
- LSZH Jacket Elongation ratio : ≥125%

- Linear resistance : ≤9.5Ω/100m
- insulation resistance : ≥5000MΩ·km
- Unbalance capacity : ≤330pF/100m
- Characteristic impedance : 100±5Ω(100MHz)
- Dielectric strength : DC.1kV.1min no breakdown

### Transmission performance (20°C,100m)

Frequency (MHz)	ReturnLoss (dB)	Attenuation (dB/100m)	NEXT (dB)	PS NEXT (dB)	EL FEXT (dB/100m)	PS EL FEXT (dB/100m)
1	19.1	3.0	65.0	62.0	65.0	62.0
16	20.0	3.0	53.9	50.9	48.3	45.3
100	18.0	5.2	40.5	37.5	32.4	29.4
250	13.2	8.4	33.6	30.6	24.4	21.4
500	10.0	12.0	28.4	25.4	18.4	15.4
600	10.0	13.3	26.2	23.2	16.8	13.8
1000	8.0	17.7	19.6	16.6	12.4	9.4
1600	8.0	23.3	12.9	9.9	8.3	5.3
2000	2.7	26.5	9.6	6.6	6.4	3.4

Installation info	Standard
Working temperature : -20°C to +60°C Bending radius : ≥10×out diameter	ISO/IEC 11801 IEC-61156-5 TIA568.2-D RoHS 2011/65/EU REACH EC 1907/2006

### Ordering Information

Part No	Name of items	Color
62-5351AQ	Cat8 SFTP LSZH Solid Wire 0.64mm 22AWG - (305M/Roll)	Aqua