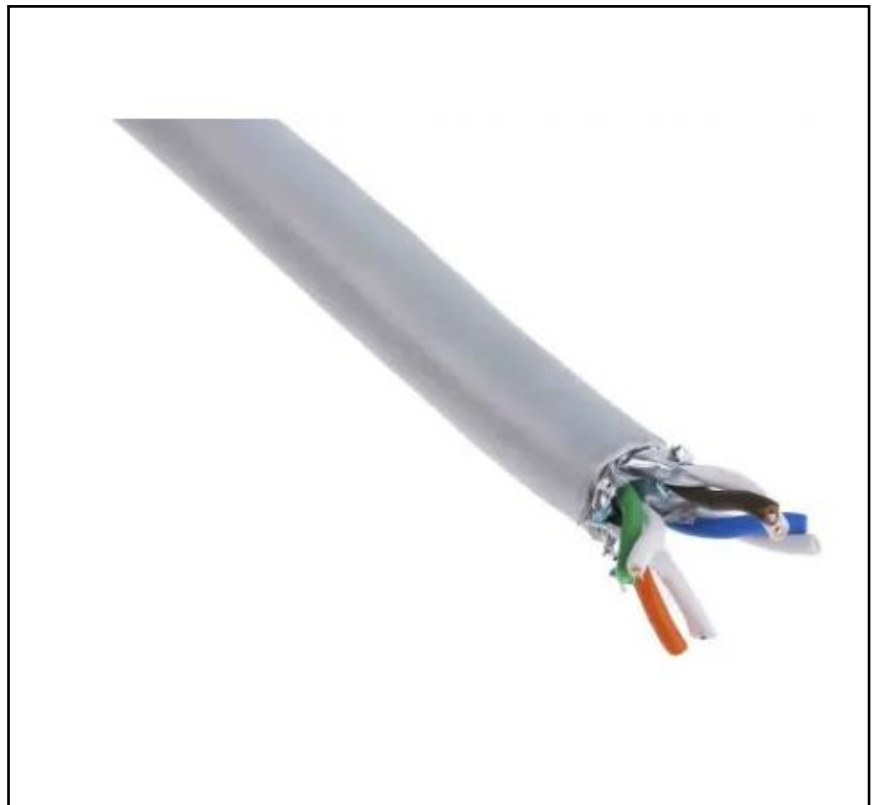


FEATURES

- 4 Pair multi construction
- Bare copper conductor
- Cat6a performs at better lengths than a cat6
- Skin foam skin insulation
- Both 100 m and 500 m shielded cables available

RS PRO U/FTP Cat6a Cable 100m, Grey

RS Stock No.: 113-5901



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Brought to you by RS Pro, A well built and durable Cat6a cable suitable for home, office and industrial networks requiring a reliable internet connection. These cables are LSZH (Low Smoke Zero Halogen) ensuring health and safety standards are met in the even of it being near a high heat source

General Specifications

Terminated/Unterminated	Unterminated
Shield Type	U/FTP
Outer Sheath Material	PVC
Sheath Colour	Grey
Conductor Material	Bare Copper
Insulator Material	FMPE
Drain Wire	Yes

Electrical Specifications

Attenuation	45.3dB/100m
Frequency	500MHz
Conductor Resistance	Max. 78.1ohm/km at 20°C

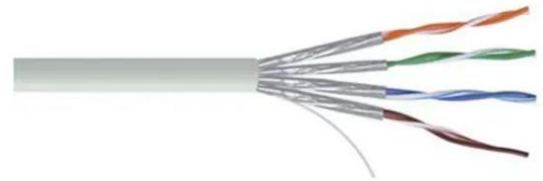
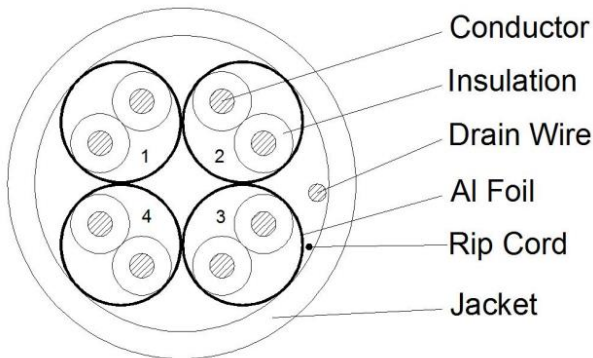
Mechanical Specifications

Length	100m
Outer Diameter	7.5mm
Sheath Thickness	0.52mm
Insulator Diameter	1.35mm +/-0.05

Approvals

Compliance/Certifications	2011/65/EU and 2015/863
Standards Met	IEC61156- & ISO/IEC 11801

Cross Section



Performance				
Electrical Characteristics:				
Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB/100m)	PSNEXT (dB)	Return loss (dB)
1	2.0	74.3	72.3	20
4	3.7	65.3	63.3	23
10	5.9	59.3	57.3	25
16	7.4	56.2	54.2	25
20	8.3	54.8	52.8	25
31.25	10.4	51.9	49.9	23.6
62.5	14.9	47.4	45.4	21.5
100	19.0	44.3	42.3	20.1
200	27.5	39.8	37.8	18
250	31.0	38.3	36.3	17.3
300	34.2	37.1	34.1	17.3
500	45.3	33.8	30.8	17.3
Frequency (MHz)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)		
1	67.8	64.8		
4	55.8	52.8		
10	47.8	44.8		
16	43.7	40.7		
20	41.8	38.8		
31.25	37.9	34.9		
62.5	31.9	28.9		
100	27.8	24.8		
200	21.8	18.8		
250	19.8	16.8		
300	18.3	15.3		
500	13.8	10.8		
Impedance			1~300MHZ	100+/-15
			300~500MHZ	100+/-22
Max. Conductor DC Resistance 20°C (ohms/km)				78.1